

Converting Colors

XYZ(85.8222, 87.5666, 92.8688)

Have a look what the booklet for
XYZ(85.8222, 87.5666, 92.8688)
contains.

XYZ(85.7151, 87.3782, 92.4688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.7151, 87.3782,
92.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEDED
RGB	252, 237, 237
RGB Percent	99%, 93%, 93%
CMY	0.0118, 0.0706, 0.0706
CMYK	0.00, 0.06, 0.06, 0.01
HSL	0°, 71%, 96%
HSV	0°, 6%, 99%
XYZ	85.7151, 87.3782, 92.4688
YIQ	241.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

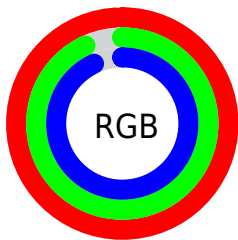
Format	Color
R_{YB}	252, 237, 237
Decimal	16575981
CIE Lab	94.90, 5.06, 1.81
CIE LCh	95, 5.372, 19.652
Yxy	87.3782, 0.3228, 0.3290
Android (android.graphics.Color)	4294766061 (0xFFFCEDD)
YUV	241.4850, -2.2111, 9.2217
Hunter-Lab	93.4763, 0.0959, 6.7825

Details

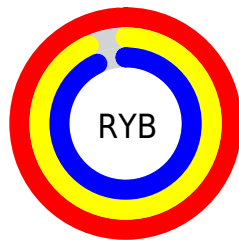
The XYZ color **85.7151, 87.3782, 92.4688** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3060, 94.6521, 105.7647**, and the grayscale version is **84.0053, 88.3801, 96.2459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3700, 47.9860, 50.4816** is the 20% darker color. If you saturate the color by 10%, you get **75.5007, 72.4326, 72.1578**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

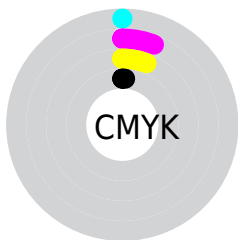
Distribution



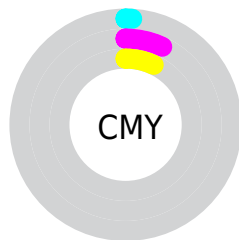
- Red (99%)
- Green (93%)
- Blue (93%)



- Red (99%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7151, 87.3782, 92.4688 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.7151, 87.3782, 92.4688 by changing the saturation by 10% instead.


 85.7151, 87.3782,
92.4688

 85.7151, 87.3782,
92.4688


502.4394,
519.4648, 556.8054

 64.7569, 65.8082,
69.4449

140.2807,
143.6912, 152.7283

 47.5279, 48.1167,
50.6001


174.6189,
179.2030, 190.8010

 33.6629, 33.9193,
35.5159


214.1477,
220.1308, 234.7269

 22.7964, 22.8316,
23.7738

259.2325,
266.8591, 284.9247

 14.5631, 14.4692,
14.9553

310.2388,
319.7723, 341.8130

 8.5977, 8.4478,
8.6417

367.5318,

 4.5347, 4.3828,

379.2547, 405.8101

4.4146

431.4769,
445.6907, 477.3348

■ 2.0089, 1.8899,
1.8555

■ 0.6389, 0.5423,
0.4642

■ 85.7151, 87.3782,
92.4688

■ 85.7151, 87.3782,
92.4688

■ 75.5007, 72.4326,
72.1578

93.9553, 99.4357,
108.8488

■ 66.7621, 59.6461,
54.7844

■ 59.4334, 48.9223,
40.2145

■ 53.4407, 40.1532,
28.3013

■ 48.7035, 33.2212,
18.8846

■ 45.1327, 27.9957,
11.7871

■ 42.6273, 24.3291,
6.8080

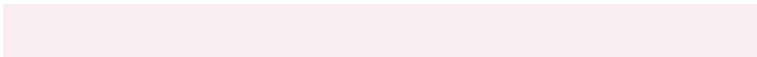
■ 41.0694, 22.0488,
3.7127

■ 40.3127, 20.9410,
2.2102

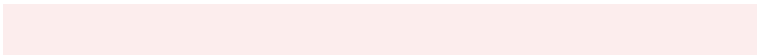
Harmonies

Analogous

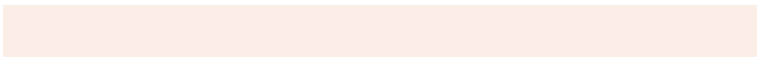
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8352, 87.3782, 96.5877



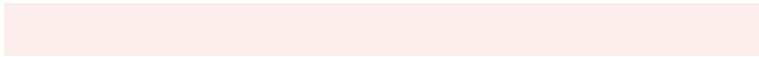
85.7151, 87.3782, 92.4688



84.8763, 87.3782, 89.1589

Triad

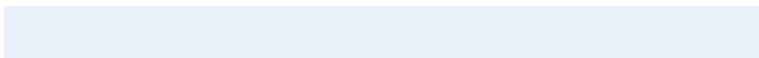
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7151, 87.3782, 92.4688



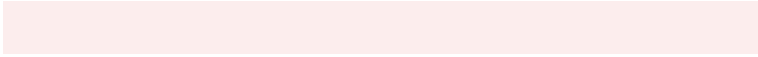
80.9348, 87.3782, 90.0424



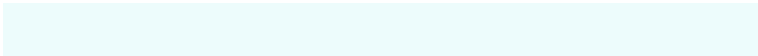
82.5484, 87.3782, 103.2480

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



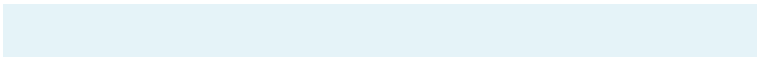
85.7151, 87.3782, 92.4688



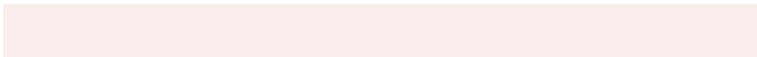
87.3060, 94.6521, 105.7647

Split Complementary

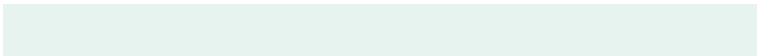
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2508, 87.3782, 101.3828



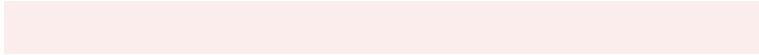
85.7151, 87.3782, 92.4688



80.3264, 87.3782, 93.7069

Square

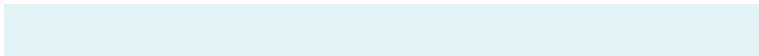
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7151, 87.3782, 92.4688



82.1123, 87.3782, 87.7866



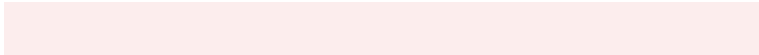
80.4414, 87.3782, 97.8622



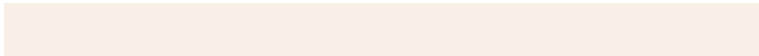
83.9955, 87.3782, 102.8930

Rectangle

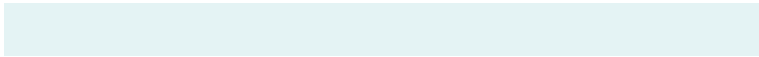
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



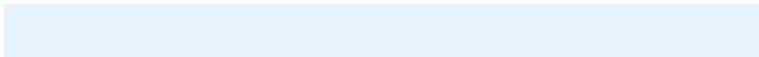
85.7151, 87.3782, 92.4688



84.0277, 87.3782, 87.8182



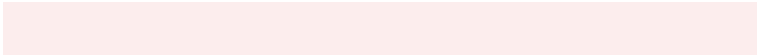
80.4414, 87.3782, 97.8622



82.0806, 87.3782, 102.8578

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85.7176, 87.3820, 92.4707



92.6346, 96.4658, 104.0977



88.0009, 88.2934, 104.5007



19.8529, 20.6847, 22.3315



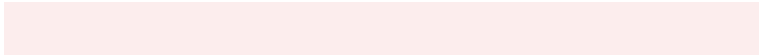
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7176, 87.3820, 92.4707



86.8771, 88.0414, 92.6505



87.9334, 91.8138, 93.2093



17.6678, 17.8446, 18.7189



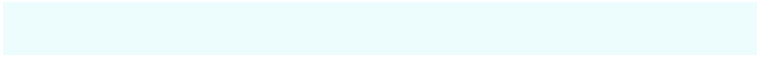
20.9125, 10.7816, 0.9789



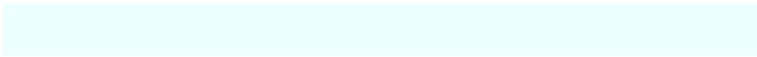
1.9370, 0.9988, 0.0907

Inverse Universe

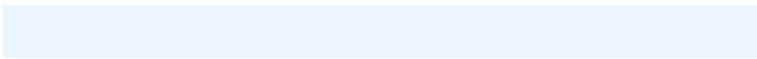
The Inverse Universe completely reimagines the original color for something new.



87.3060, 94.6521, 105.7647



88.7836, 96.7671, 108.6063



84.9983, 90.0368, 104.9955



18.0896, 19.7750, 22.2488



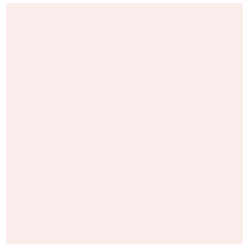
27.2745, 39.9045, 54.2384



2.5262, 3.6961, 5.0235

Previews

White Background



This preview shows how the XYZ color 85.7151, 87.3782, 92.4688 looks on a white background.

Color Contrast Check

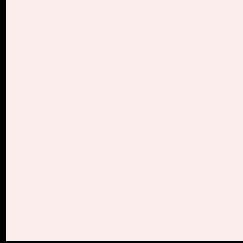
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.7151, 87.3782, 92.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

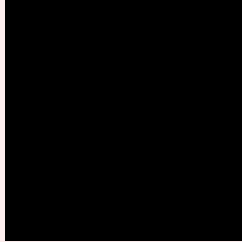
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

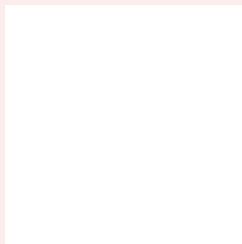
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7151, 87.3782, 92.4688

Background



This preview shows how black text looks on a background with the XYZ color 85.7151, 87.3782, 92.4688.



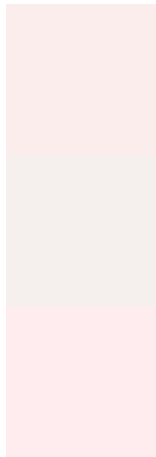
This preview shows how white text looks on a background with the XYZ color 85.7151, 87.3782,

92.4688.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.7151, 87.3782, 92.4688

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

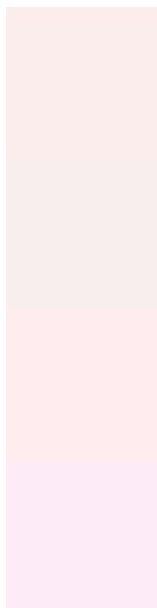
86.8154, 87.4829, 93.9716



Tritanopia

88.3110, 87.5793, 105.1785

Trichromacy



Original Color

85.7151, 87.3782, 92.4688

Protanomaly

84.7186, 87.2786, 93.2702

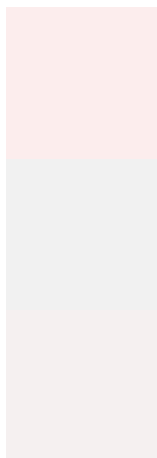
Deuteranomaly

86.3011, 87.2348, 93.1784

Tritanomaly

87.2920, 87.5890, 100.3013

Monochromacy



Original Color

85.7151, 87.3782, 92.4688

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.5445, 88.0239, 94.9724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7151, 87.3782, 92.4688 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 237, 237) looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 85.7151, 87.3782, 92.4688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 237, 237) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 237, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7151, 87.3782, 92.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
237, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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