

Converting Colors

XYZ(85.3223, 86.5679, 87.0886)

Have a look what the booklet for
XYZ(85.3223, 86.5679, 87.0886)
contains.

XYZ(85.2313, 86.3898, 87.0456)	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(85.2313, 86.3898,
87.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBE6
RGB	255, 235, 230
RGB Percent	100%, 92%, 90%
CMY	0.0000, 0.0784, 0.0980
CMYK	0.00, 0.08, 0.10, 0.00
HSL	12°, 100%, 95%
HSV	12°, 10%, 100%
XYZ	85.2313, 86.3898, 87.0456
YIQ	240.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

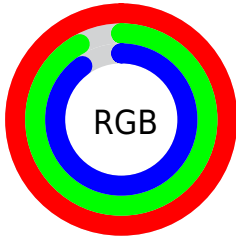
Format	Color
R _Y B	255, 236, 230
Decimal	16772070
CIE Lab	94.48, 5.96, 4.86
CIE LCh	94, 7.688, 39.209
Yxy	86.3898, 0.3295, 0.3340
Android (android.graphics.Color)	4294962150 (0xFFFFE6E6)
YUV	240.4100, -5.1321, 12.7954
Hunter-Lab	92.9461, 1.0283, 9.5362

Details

The XYZ color **85.2313, 86.3898, 87.0456** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8679, 92.4118, 107.9720**, and the grayscale version is **83.1789, 87.5107, 95.2991**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1467, 47.3411, 47.2103** is the 20% darker color. If you saturate the color by 10%, you get **76.4008, 74.0466, 67.7084**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

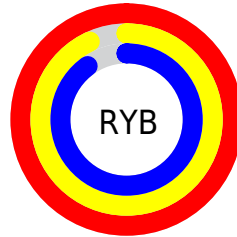
Distribution



Red (100%)

Green (92%)

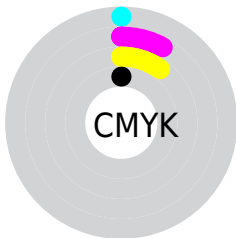
Blue (90%)



Red (100%)

Yellow (93%)

Blue (90%)

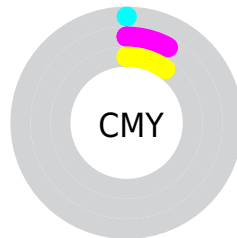


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2313, 86.3898, 87.0456 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 85.2313, 86.3898, 87.0456 by changing the saturation by 10% instead.


 85.2313, 86.3898,
87.0456

 85.2313, 86.3898,
87.0456


500.8653,
516.2157, 538.6928

 64.3557, 64.9904,
64.9731


139.6087,
142.3133, 145.1271

 47.2015, 47.4533,
46.9881


173.8411,
177.6062, 181.9732

 33.4036, 33.3941,
32.6719

213.2564,
218.2990, 224.5810

 22.5965, 22.4285,
21.6062

258.2201,
264.7761, 273.3689

 14.4149, 14.1721,
13.3723

309.0975,
317.4219, 328.7554

 8.4934, 8.2405,
7.5517

366.2539,

 4.4667, 4.2492,

376.6209, 391.1593

3.7258

430.0547,
442.7573, 460.9989

■ 1.9694, 1.8139,
1.4762

■ 0.6167, 0.4958,
0.2001

■ 85.2313, 86.3898,
87.0456

■ 85.2313, 86.3898,
87.0456

■ 76.4008, 74.0466,
67.7084

95.0500, 100.0000,
108.9000

■ 68.7166, 63.1943,
51.2247

■ 62.1327, 53.7792,
37.4604

■ 56.5973, 45.7404,
26.2684

■ 52.0548, 39.0125,
17.4878

■ 48.4441, 33.5247,
10.9391

■ 45.6966, 29.1993,
6.4178

■ 43.7338, 25.9492,
3.6810

■ 42.4463, 23.6682,
2.3457

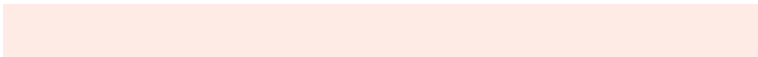
Harmonies

Analogous

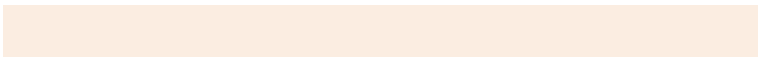
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0997, 86.3898, 92.2527



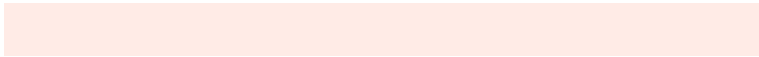
85.2313, 86.3898, 87.0456



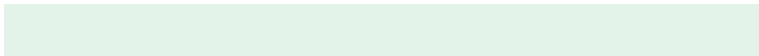
83.5307, 86.3898, 83.8120

Triad

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



85.2313, 86.3898, 87.0456



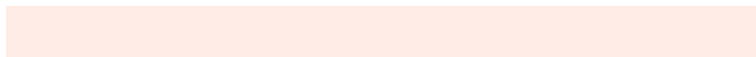
78.4486, 86.3898, 90.0784



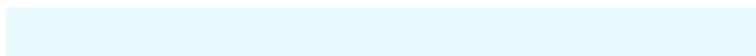
82.7490, 86.3898, 105.7612

Complementary

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



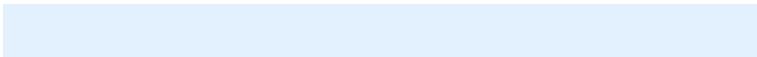
85.2313, 86.3898, 87.0456



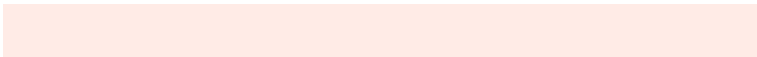
84.8679, 92.4118, 107.9720

Split Complementary

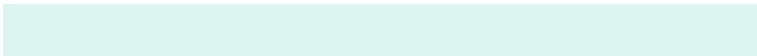
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7073, 86.3898, 105.1192



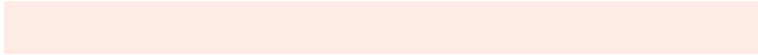
85.2313, 86.3898, 87.0456



78.2473, 86.3898, 95.8985

Square

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



85.2313, 86.3898, 87.0456



79.6223, 86.3898, 85.5113



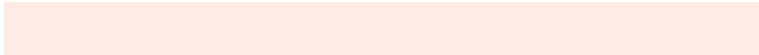
79.0676, 86.3898, 101.4495



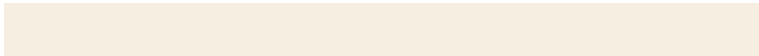
84.6508, 86.3898, 103.1684

Rectangle

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



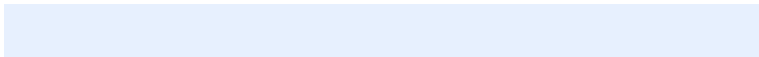
85.2313, 86.3898, 87.0456



82.1658, 86.3898, 83.1281



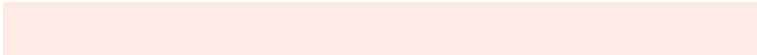
79.0676, 86.3898, 101.4495



82.0560, 86.3898, 105.9188

Sweetspot

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



85.2332, 86.3933, 87.0474



91.9216, 95.6751, 101.9015



86.7926, 84.7567, 102.2280



19.5000, 20.2362, 21.4208



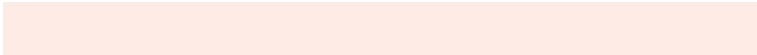
0.0000, 0.0000, 0.0000



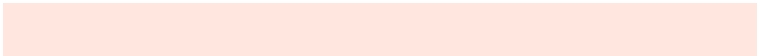
20.3446, 21.4041, 23.3091

Same Dimension

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



85.2332, 86.3933, 87.0474



83.1922, 83.5502, 82.5479



88.9372, 93.8013, 88.2821



18.3038, 18.5757, 18.7651



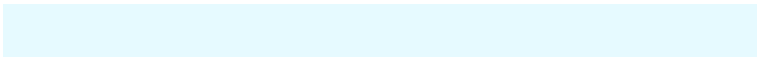
22.2511, 12.5134, 1.2426



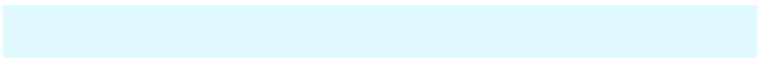
2.2390, 1.3634, 0.1452

Inverse Universe

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



84.8679, 92.4118, 107.9720



82.7514, 90.8050, 107.7734



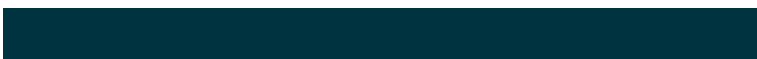
81.1131, 84.9022, 106.7204



18.2278, 19.8273, 23.1163



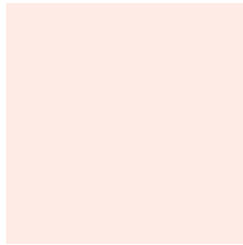
20.8169, 26.5434, 53.4608



2.1016, 2.7339, 5.2302

Previews

White Background



This preview shows how the XYZ color 85.2313, 86.3898, 87.0456 looks on a white background.

Color Contrast Check

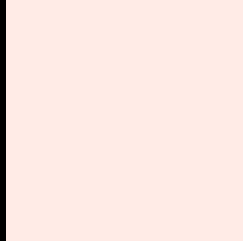
Large Text (above 18pt) WCAG AA × Fail

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 85.2313, 86.3898, 87.0456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

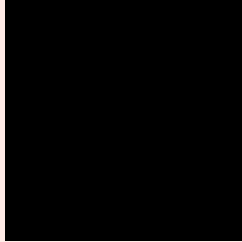
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

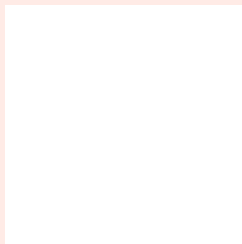
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2313, 86.3898, 87.0456

Background



This preview shows how black text looks on a background with the XYZ color 85.2313, 86.3898, 87.0456.



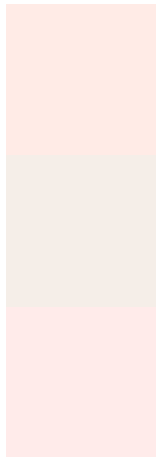
This preview shows how white text looks on a background with the XYZ color 85.2313, 86.3898,

87.0456.

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

85.2313, 86.3898, 87.0456

Protanopia

82.7962, 86.3877, 88.6546

Deuteranopia

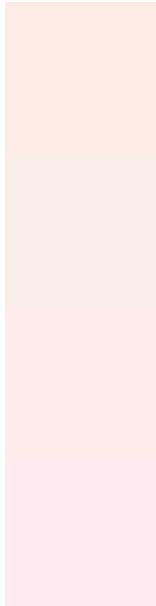
85.7996, 86.6172, 90.0386



Tritanopia

87.3222, 86.3151, 100.8650

Trichromacy



Original Color

85.2313, 86.3898, 87.0456

Protanomaly

83.7749, 86.4776, 87.8777

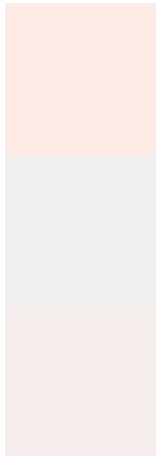
Deuteranomaly

85.6563, 86.5599, 89.2839

Tritanomaly

86.5400, 86.4565, 95.3457

Monochromacy



Original Color

85.2313, 86.3898, 87.0456

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3710, 86.6177, 91.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2313, 86.3898, 87.0456 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(255, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 230)  
}
```

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(255, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 230) }
```

Border

The CSS property to change the border of an element to XYZ 85.2313, 86.3898, 87.0456 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(255, 235, 230) }
```


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

```
.border{ border-color:rgb(255, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2313, 86.3898, 87.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 230) }
```

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

```
.background{ background-color: rgb(255,  
235, 230) }
```

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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