

Converting Colors

XYZ(110.3645, 99.7541,
88.7026)

Have a look what the booklet for
XYZ(110.3645, 99.7541, 88.7026)
contains.

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Color

**XYZ(85.6593, 87.0204,
87.8832)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECE7
RGB	255, 236, 231
RGB Percent	100%, 93%, 91%
CMY	0.0000, 0.0745, 0.0941
CMYK	0.00, 0.07, 0.09, 0.00
HSL	13°, 100%, 95%
HSV	13°, 9%, 100%
XYZ	85.6593, 87.0204, 87.8832
YIQ	241.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

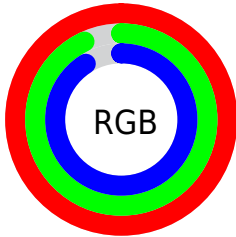
Format	Color
R _Y B	255, 237, 231
Decimal	16772327
CIE Lab	94.75, 5.61, 4.73
CIE LCh	95, 7.335, 40.144
Yxy	87.0204, 0.3287, 0.3340
Android (android.graphics.Color)	4294962407 (0xFFFFE7E7)
YUV	241.1110, -4.9847, 12.1807
Hunter-Lab	93.2847, 0.6605, 9.4424

Details

The XYZ color **85.6593, 87.0204, 87.8832** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1898, 92.5778, 107.9871**, and the grayscale version is **83.7291, 88.0895, 95.9295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3478, 47.7434, 47.2773** is the 20% darker color. If you saturate the color by 10%, you get **76.8308, 74.7134, 68.4473**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

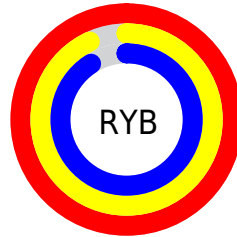
Distribution



Red (100%)

Green (93%)

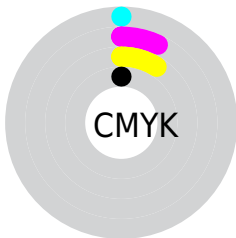
Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6593, 87.0204, 87.8832 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 85.6593, 87.0204, 87.8832 by changing the saturation by 10% instead.


 85.6593, 87.0204,
87.8832

 85.6593, 87.0204,
87.8832


502.2580,
518.2899, 541.5121

 64.7106, 65.5121,
65.6626


140.2032,
143.1926, 146.3042

 47.4903, 47.8764,
47.5438


174.5292,
178.6252, 183.3417

 33.6330, 33.7290,
33.1083

214.0449,
219.4681, 226.1552

 22.7733, 22.6855,
21.9376

259.1158,
266.1056, 275.1633

 14.5460, 14.3615,
13.6132

310.1072,
318.9222, 330.7845

 8.5856, 8.3725,
7.7165

367.3845,

 4.5268, 4.3342,

378.3021, 393.4373

3.8289

431.3130,
444.6299, 463.5403

■ 2.0043, 1.8622,
1.5320

■ 0.6364, 0.5255,
0.2416

■ 85.6593, 87.0204,
87.8832

■ 85.6593, 87.0204,
87.8832

■ 76.8308, 74.7134,
68.4473

95.0500, 100.0000,
108.9000

■ 69.1374, 63.8734,
51.8658

■ 62.5339, 54.4485,
38.0051

■ 56.9698, 46.3796,
26.7190

■ 52.3904, 39.6033,
17.8473

■ 48.7358, 34.0512,
11.2119

■ 45.9389, 29.6480,
6.6098

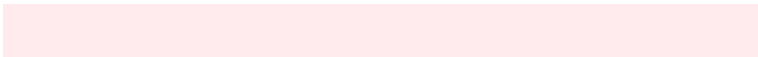
■ 43.9232, 26.3099,
3.8003

■ 42.5843, 23.9355,
2.4187

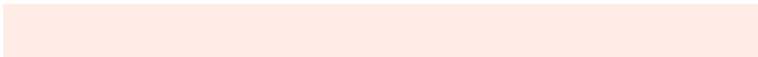
Harmonies

Analogous

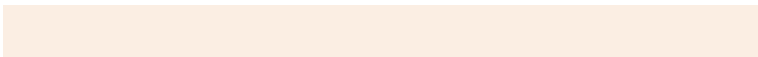
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5206, 87.0204, 92.8401



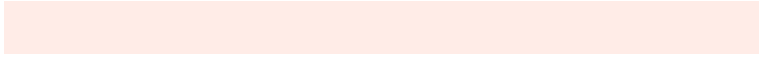
85.6593, 87.0204, 87.8832



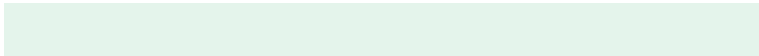
84.0121, 87.0204, 84.8464

Triad

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



85.6593, 87.0204, 87.8832



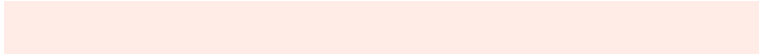
79.1757, 87.0204, 91.0897



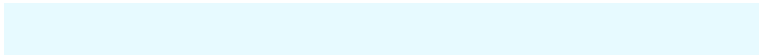
83.3837, 87.0204, 105.9111

Complementary

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



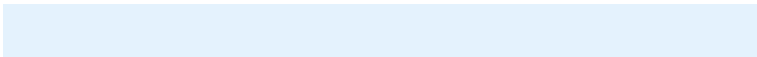
85.6593, 87.0204, 87.8832



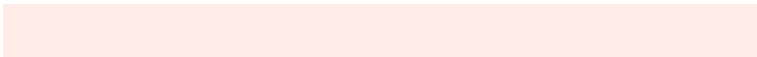
85.1898, 92.5778, 107.9871

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.



81.4220, 87.0204, 105.3966



85.6593, 87.0204, 87.8832



79.0135, 87.0204, 96.6867

Square

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



85.6593, 87.0204, 87.8832



80.2763, 87.0204, 86.6458



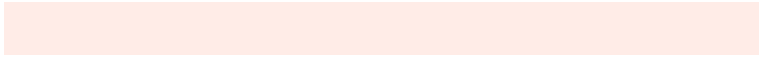
79.8297, 87.0204, 101.9664



85.1929, 87.0204, 103.3453

Rectangle

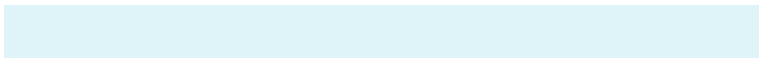
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



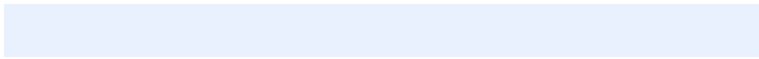
85.6593, 87.0204, 87.8832



82.7007, 87.0204, 84.2448



79.8297, 87.0204, 101.9664



82.7199, 87.0204, 106.0950

Sweetspot

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



85.6612, 87.0240, 87.8850



91.9413, 95.7145, 101.9081



87.1031, 85.3275, 102.4863



19.5053, 20.2468, 21.4225



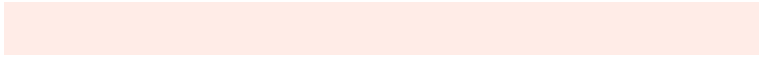
0.0000, 0.0000, 0.0000



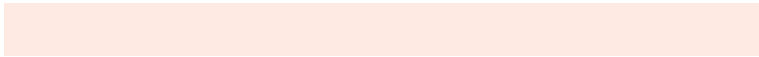
20.3446, 21.4041, 23.3091

Same Dimension

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



85.6612, 87.0240, 87.8850



84.1803, 84.9675, 84.6005



89.1701, 94.0418, 89.0547



18.3162, 18.6006, 18.7692



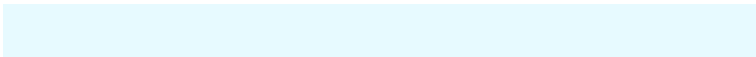
22.3036, 12.6184, 1.2601



2.2458, 1.3770, 0.1474

Inverse Universe

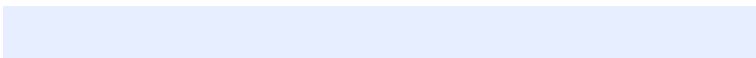
The Inverse Universe completely reimagines the original color for something new.



85.1898, 92.5778, 107.9871



83.6351, 91.3874, 107.8392



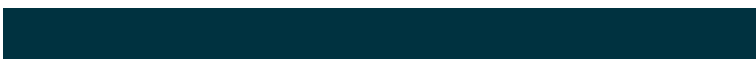
81.6387, 85.4755, 106.8033



18.2144, 19.8004, 23.1118



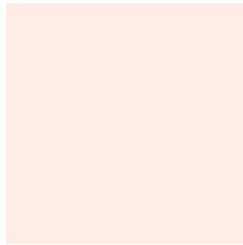
20.5576, 26.0249, 53.3744



2.0785, 2.6878, 5.2225

Previews

White Background



This preview shows how the XYZ color 85.6593, 87.0204, 87.8832 looks on a white background.

Color Contrast Check

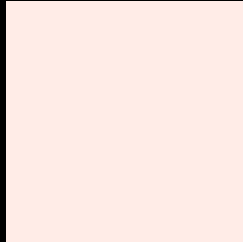
Large Text (above 18pt) WCAG AA × Fail

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 85.6593, 87.0204, 87.8832 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

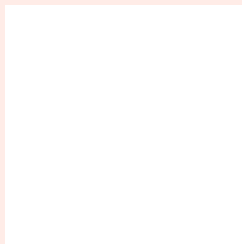
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6593, 87.0204, 87.8832

Background



This preview shows how black text looks on a background with the XYZ color 85.6593, 87.0204, 87.8832.



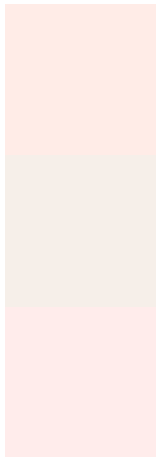
This preview shows how white text looks on a background with the XYZ color 85.6593, 87.0204,

87.8832.

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

85.6593, 87.0204, 87.8832

Protanopia

83.5805, 87.2090, 89.5187

Deuteranopia

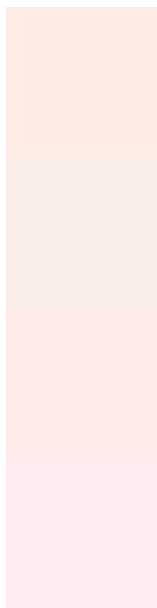
86.2308, 87.2491, 90.8932



Tritanopia

87.7617, 86.9452, 101.7791

Trichromacy



Original Color

85.6593, 87.0204, 87.8832

Protanomaly

84.2069, 87.1150, 88.7206

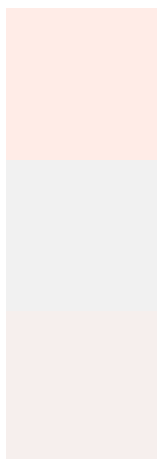
Deuteranomaly

86.0867, 87.1914, 90.1343

Tritanomaly

86.9753, 87.0875, 96.2299

Monochromacy



Original Color

85.6593, 87.0204, 87.8832

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.1586, 87.4403, 92.5628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6593, 87.0204, 87.8832 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, 236, 231) looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 231)  
}
```

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, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 231) }
```

Border

The CSS property to change the border of an element to XYZ 85.6593, 87.0204, 87.8832 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, 236, 231) }
```


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

```
.border{ border-color:rgb(255, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6593, 87.0204, 87.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 231) }
```

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

```
.background{ background-color: rgb(255,  
236, 231) }
```

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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