

Converting Colors

XYZ(85.8676, 87.5236, 89.4592)

Have a look what the booklet for
XYZ(85.8676, 87.5236, 89.4592)
contains.

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Color

**XYZ(85.8652, 87.5224,
89.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	FEED E9
RGB	254, 237, 233
RGB Percent	100%, 93%, 91%
CMY	0.0039, 0.0706, 0.0863
CMYK	0.00, 0.07, 0.08, 0.00
HSL	11°, 91%, 95%
HSV	11°, 8%, 100%
XYZ	85.8652, 87.5224, 89.4587
YIQ	241.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 238, 233
Decimal	16707049
CIE Lab	94.96, 5.08, 3.99
CIE LCh	95, 6.457, 38.156
Yxy	87.5224, 0.3267, 0.3330
Android (android.graphics.Color)	4294897129 (0xFFFEDE9)
YUV	241.6270, -4.2531, 10.8511
Hunter-Lab	93.5534, 0.1124, 8.7924

Details

The XYZ color **85.8652, 87.5224, 89.4587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6790, 92.8489, 107.1728**, and the grayscale version is **84.1316, 88.5130, 96.3907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4856, 48.0924, 48.3750** is the 20% darker color. If you saturate the color by 10%, you get **76.8809, 74.9480, 69.8321**, and if you desaturate by 10%, it is **94.6835, 99.8110, 108.8828**.

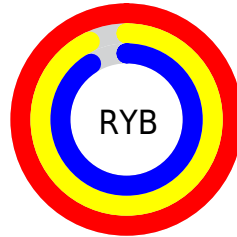
Distribution



Red (100%)

Green (93%)

Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)



Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8652, 87.5224, 89.4587 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 85.8652, 87.5224, 89.4587 by changing the saturation by 10% instead.


 85.8652, 87.5224,
89.4587

 85.8652, 87.5224,
89.4587


502.9273,
519.9379, 546.7930

 64.8814, 65.9276,
66.9606


140.4892,
143.8921, 148.5152

 47.6293, 48.2136,
48.5912


174.8600,
179.4357, 185.9107

 33.7434, 33.9961,
33.9320


214.4240,
220.3978, 229.1091

 22.8585, 22.8906,
22.5644

259.5464,
267.1626, 278.5289

 14.6092, 14.5127,
14.0699

310.5925,
320.1147, 334.5886

 8.6301, 8.4781,
8.0300

367.9278,

 4.5559, 4.4024,

379.6383, 397.7069

4.0261

431.9176,
446.1179, 468.3022

■ 2.0212, 1.9011,
1.6397

■ 0.6458, 0.5490,
0.3189

■ 85.8652, 87.5224,
89.4587

■ 85.8652, 87.5224,
89.4587

■ 76.8809, 74.9480,
69.8321

94.6835, 99.8110,
108.8828

■ 69.0536, 63.8884,
53.0574

■ 62.3379, 54.2897,
39.0028

■ 56.6822, 46.0902,
27.5244

■ 52.0311, 39.2237,
18.4646

■ 48.3236, 33.6188,
11.6485

■ 45.4919, 29.1969,
6.8776

■ 43.4586, 25.8705,
3.9180

■ 42.1255, 23.5365,
2.4491

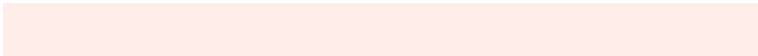
Harmonies

Analogous

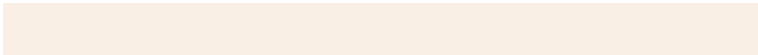
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5676, 87.5224, 93.9346



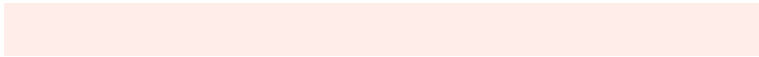
85.8652, 87.5224, 89.4587



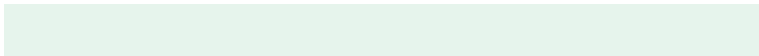
84.4475, 87.5224, 86.6176

Triad

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



85.8652, 87.5224, 89.4587



80.0989, 87.5224, 91.7513



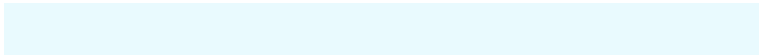
83.6663, 87.5224, 105.1721

Complementary

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



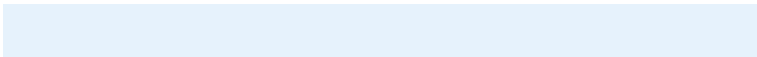
85.8652, 87.5224, 89.4587



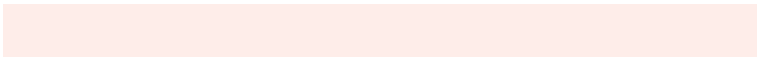
85.6790, 92.8489, 107.1728

Split Complementary

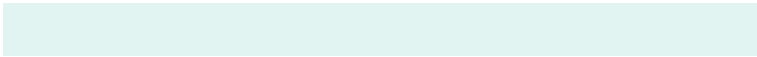
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9400, 87.5224, 104.5377



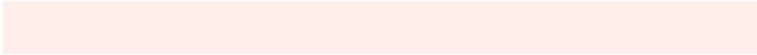
85.8652, 87.5224, 89.4587



79.8964, 87.5224, 96.6726

Square

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



85.8652, 87.5224, 89.4587



81.1231, 87.5224, 87.9085



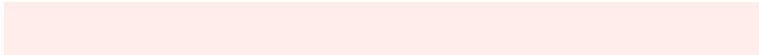
80.5659, 87.5224, 101.3840



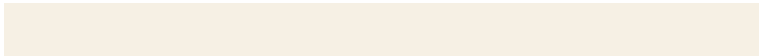
85.2865, 87.5224, 103.0883

Rectangle

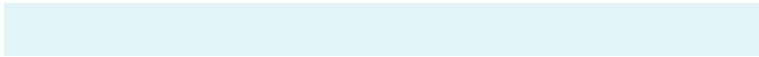
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



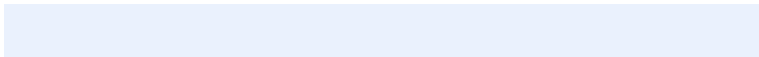
85.8652, 87.5224, 89.4587



83.2959, 87.5224, 85.9737



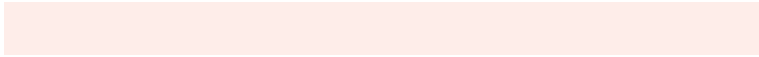
80.5659, 87.5224, 101.3840



83.0790, 87.5224, 105.2711

Sweetspot

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



85.8676, 87.5262, 89.4606



92.9370, 97.0706, 104.1985



87.2919, 86.2614, 102.6162



19.9145, 20.8078, 22.3520



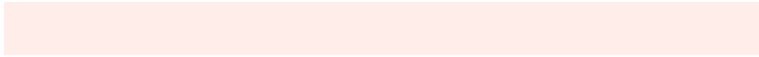
0.0000, 0.0000, 0.0000



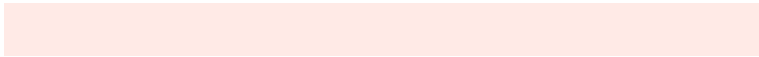
20.3446, 21.4041, 23.3091

Same Dimension

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



85.8676, 87.5262, 89.4606



84.9790, 85.9975, 86.6156



88.9500, 93.6909, 90.4880



18.2896, 18.5474, 18.7604



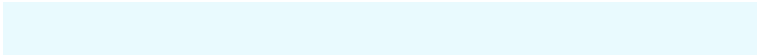
22.1940, 12.3992, 1.2235



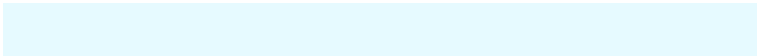
2.2315, 1.3484, 0.1427

Inverse Universe

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



85.6790, 92.8489, 107.1728



84.7512, 92.4170, 107.9791



82.5520, 86.5949, 106.1304



18.2432, 19.8579, 23.1214



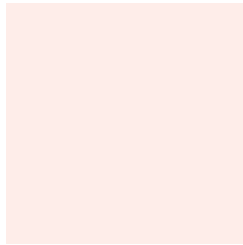
21.1163, 27.1422, 53.5606



2.1282, 2.7872, 5.2391

Previews

White Background



This preview shows how the XYZ color 85.8652, 87.5224, 89.4587 looks on a white background.

Color Contrast Check

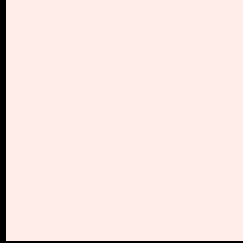
Large Text (above 18pt) WCAG AA × Fail

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 85.8652, 87.5224, 89.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

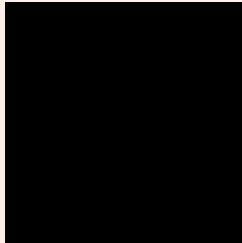
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

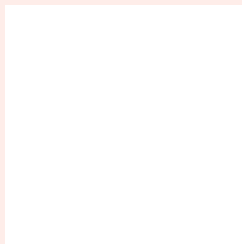
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8652, 87.5224, 89.4587

Background



This preview shows how black text looks on a background with the XYZ color 85.8652, 87.5224, 89.4587.



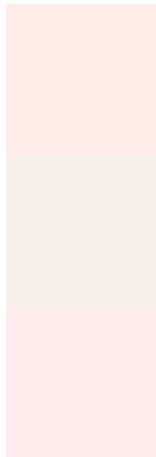
This preview shows how white text looks on a background with the XYZ color 85.8652, 87.5224,

89.4587.

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

85.8652, 87.5224, 89.4587

Protanopia

83.7238, 87.2663, 90.2733

Deuteranopia

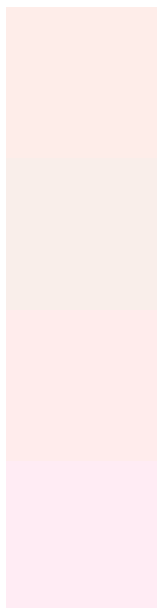
86.5215, 87.3653, 92.4238



Tritanopia

88.3609, 87.6417, 103.5262

Trichromacy



Original Color

85.8652, 87.5224, 89.4587

Protanomaly

84.4927, 87.2293, 90.2256

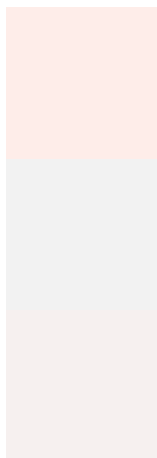
Deuteranomaly

86.3758, 87.3070, 91.6563

Tritanomaly

87.5646, 87.7826, 97.9165

Monochromacy



Original Color

85.8652, 87.5224, 89.4587

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.7461, 88.1450, 94.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8652, 87.5224, 89.4587 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(254, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 233)  
}
```

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(254, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 233) }
```

Border

The CSS property to change the border of an element to XYZ 85.8652, 87.5224, 89.4587 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(254, 237, 233) }
```


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

```
.border{ border-color:rgb(254, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8652, 87.5224, 89.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 233) }
```

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

```
.background{ background-color: rgb(254,  
237, 233) }
```

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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