

Converting Colors

XYZ(86.1295, 88.5690, 87.8143)

Have a look what the booklet for
XYZ(86.1295, 88.5690, 87.8143)
contains.

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Color

**XYZ(86.1634, 88.5734,
88.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEFE7
RGB	254, 239, 231
RGB Percent	100%, 94%, 91%
CMY	0.0039, 0.0627, 0.0941
CMYK	0.00, 0.06, 0.09, 0.00
HSL	21°, 92%, 95%
HSV	21°, 9%, 100%
XYZ	86.1634, 88.5734, 88.1564
YIQ	242.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

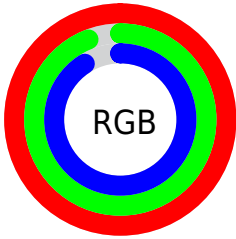
Format	Color
R_{YB}	254, 243, 231
Decimal	16707559
CIE Lab	95.40, 3.73, 5.67
CIE LCh	95, 6.783, 56.642
Yxy	88.5734, 0.3278, 0.3369
Android (android.graphics.Color)	4294897639 (0xFFFEFE7)
YUV	242.5730, -5.7055, 10.0215
Hunter-Lab	94.1134, -1.2769, 10.3423

Details

The XYZ color **86.1634, 88.5734, 88.1564** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8000, 90.0547, 106.7325**, and the grayscale version is **84.8918, 89.3127, 97.2616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6973, 48.8324, 47.4691** is the 20% darker color. If you saturate the color by 10%, you get **78.2056, 77.9877, 69.0704**, and if you desaturate by 10%, it is **94.6835, 99.8111, 108.8828**.

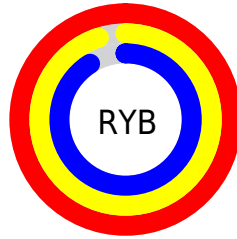
Distribution



Red (100%)

Green (94%)

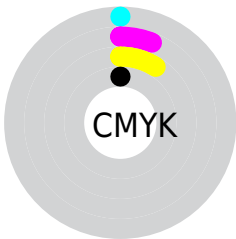
Blue (91%)



Red (100%)

Yellow (95%)

Blue (91%)

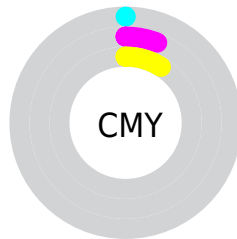


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.1634, 88.5734, 88.1564 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 86.1634, 88.5734, 88.1564 by changing the saturation by 10% instead.


 86.1634, 88.5734,
88.1564

 86.1634, 88.5734,
88.1564


503.8957,
523.3792, 542.4298

 65.1288, 66.7980,
65.8875


140.9031,
145.3552, 146.6879

 47.8306, 48.9205,
47.7252


175.3390,
181.1304, 183.7877

 33.9035, 34.5564,
33.2509


214.9727,
222.3410, 226.6681

 22.9820, 23.3214,
22.0460

260.1696,
269.3715, 275.7478

 14.7008, 14.8310,
13.6921

311.2949,
322.6061, 331.4453

 8.6946, 8.7009,
7.7705

368.7142,

 4.5981, 4.5466,

382.4293, 394.1791

3.8628

432.7927,
449.2256, 464.3678

■ 2.0457, 1.9838,
1.5504

■ 0.6595, 0.5980,
0.2550

■ 86.1634, 88.5734,
88.1564

■ 86.1634, 88.5734,
88.1564

■ 78.2056, 77.9877,
69.0704

94.6835, 99.8111,
108.8828

■ 71.1761, 68.4622,
52.7509

■ 65.0409, 59.9663,
39.0696

■ 59.7613, 52.4639,
27.8858

■ 55.2951, 45.9163,
19.0454

■ 51.5966, 40.2823,
12.3770

■ 48.6142, 35.5168,
7.6856

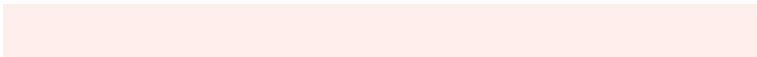
■ 46.2890, 31.5704,
4.7402

■ 44.5398, 28.3826,
3.1998

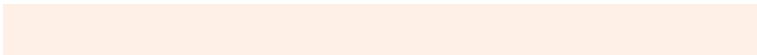
Harmonies

Analogous

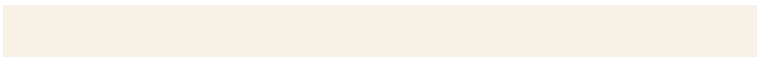
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4157, 88.5734, 91.9319



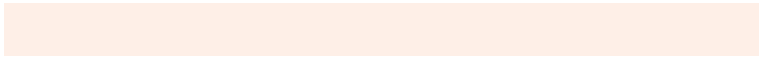
86.1634, 88.5734, 88.1564



84.3955, 88.5734, 86.5967

Triad

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



86.1634, 88.5734, 88.1564



80.6748, 88.5734, 95.8441



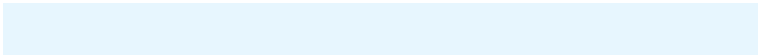
85.7963, 88.5734, 105.8654

Complementary

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



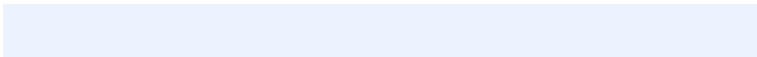
86.1634, 88.5734, 88.1564



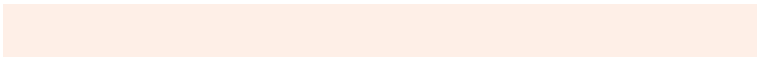
83.8000, 90.0547, 106.7325

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.



83.9776, 88.5734, 107.0052



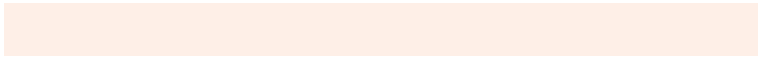
86.1634, 88.5734, 88.1564



81.0376, 88.5734, 101.0960

Square

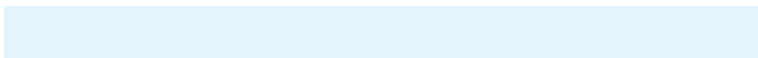
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1634, 88.5734, 88.1564



81.2415, 88.5734, 90.9314



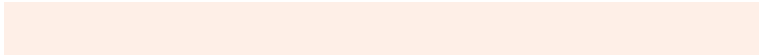
82.2398, 88.5734, 105.2298



87.2016, 88.5734, 102.1695

Rectangle

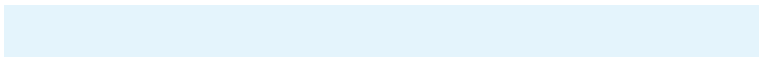
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1634, 88.5734, 88.1564



83.1687, 88.5734, 86.9793



82.2398, 88.5734, 105.2298



85.2122, 88.5734, 106.5660

Sweetspot

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



86.1659, 88.5773, 88.1583



92.2720, 96.3759, 102.0183



86.1359, 84.8983, 99.3056



19.5943, 20.4248, 21.4522



0.0000, 0.0000, 0.0000



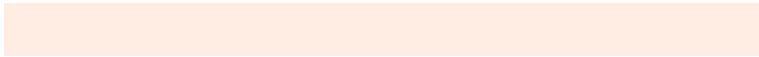
20.3446, 21.4041, 23.3091

Same Dimension

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



86.1659, 88.5773, 88.1583



85.2991, 87.2051, 84.9734



89.5354, 95.3163, 89.2815



18.5263, 19.0209, 18.8393



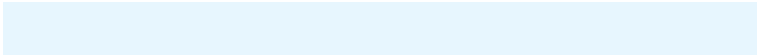
23.5299, 15.0710, 1.6688



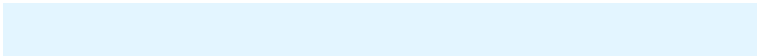
2.3886, 1.6626, 0.1950

Inverse Universe

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



83.8000, 90.0547, 106.7325



82.4372, 88.9916, 107.4399



80.5063, 83.4673, 105.6346



17.9916, 19.3548, 23.0375



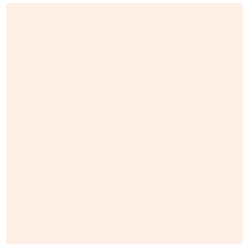
16.7260, 18.3615, 52.0972



1.7309, 1.9925, 5.1066

Previews

White Background



This preview shows how the XYZ color 86.1634, 88.5734, 88.1564 looks on a white background.

Color Contrast Check

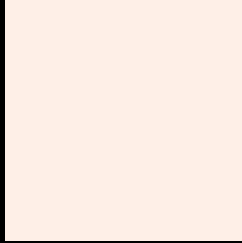
Large Text (above 18pt) WCAG AA × Fail

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 86.1634, 88.5734, 88.1564 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

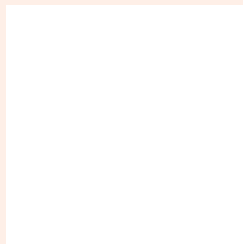
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1634, 88.5734, 88.1564

Background



This preview shows how black text looks on a background with the XYZ color 86.1634, 88.5734, 88.1564.



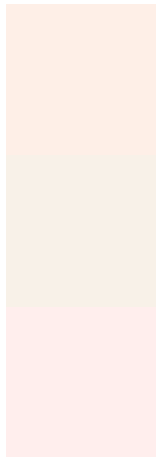
This preview shows how white text looks on a background with the XYZ color 86.1634, 88.5734,

88.1564.

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

86.1634, 88.5734, 88.1564

Protanopia

84.7322, 88.6932, 88.9976

Deuteranopia

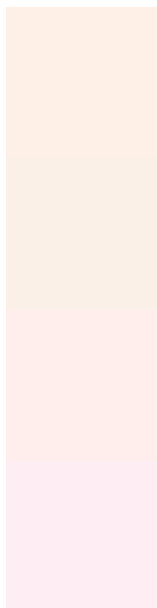
87.1006, 88.5235, 92.6168



Tritanopia

88.8061, 88.2792, 104.4545

Trichromacy



Original Color

86.1634, 88.5734, 88.1564

Protanomaly

85.1499, 88.4704, 88.9325

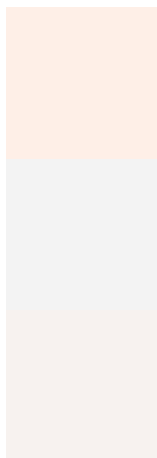
Deuteranomaly

86.8099, 88.4072, 91.0862

Tritanomaly

87.8533, 88.3600, 98.0128

Monochromacy



Original Color

86.1634, 88.5734, 88.1564

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.6899, 89.5104, 94.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1634, 88.5734, 88.1564 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, 239, 231) looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 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(254, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 231) }
```

Border

The CSS property to change the border of an element to XYZ 86.1634, 88.5734, 88.1564 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, 239, 231) }
```


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

```
.border{ border-color:rgb(254, 239, 231) }
```

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

Here you see how a box with a 4 pixel rgb(254, 239, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1634, 88.5734, 88.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 231) }
```

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

```
.background{ background-color: rgb(254,  
239, 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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