

Converting Colors

XYZ(87.2751, 88.9938, 88.1526)

Have a look what the booklet for
XYZ(87.2751, 88.9938, 88.1526)
contains.

XYZ(86.5303, 88.7625, 88.1735)	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(86.5303, 88.7625,
88.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFE7
RGB	255, 239, 231
RGB Percent	100%, 94%, 91%
CMY	0.0000, 0.0627, 0.0941
CMYK	0.00, 0.06, 0.09, 0.00
HSL	20°, 100%, 95%
HSV	20°, 9%, 100%
XYZ	86.5303, 88.7625, 88.1735
YIQ	242.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

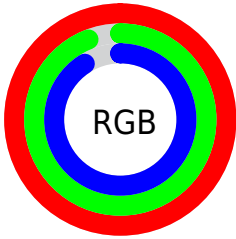
Format	Color
R _Y B	255, 243, 231
Decimal	16773095
CIE Lab	95.48, 4.07, 5.79
CIE LCh	95, 7.080, 54.868
Yxy	88.7625, 0.3284, 0.3369
Android (android.graphics.Color)	4294963175 (0xFFFEFE7)
YUV	242.8720, -5.8529, 10.6363
Hunter-Lab	94.2139, -0.9317, 10.4610

Details

The XYZ color **86.5303, 88.7625, 88.1735** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2650, 90.7280, 107.6788**, and the grayscale version is **85.1298, 89.5631, 97.5343**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9601, 48.9679, 47.4814** is the 20% darker color. If you saturate the color by 10%, you get **78.4444, 77.9406, 68.9852**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

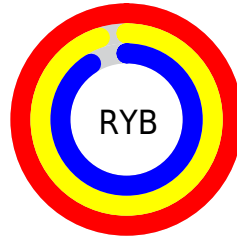
Distribution



Red (100%)

Green (94%)

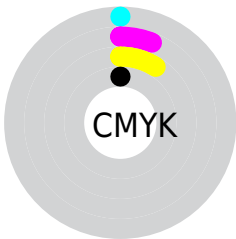
Blue (91%)



Red (100%)

Yellow (95%)

Blue (91%)

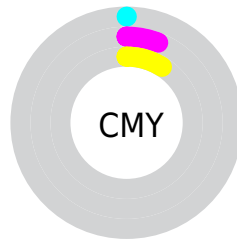


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5303, 88.7625, 88.1735 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 86.5303, 88.7625, 88.1735 by changing the saturation by 10% instead.


 86.5303, 88.7625,
88.1735

 86.5303, 88.7625,
88.1735

505.0859,
523.9970, 542.4873

 65.4333, 66.9547,
65.9016


141.4123,
145.6183, 146.7119

 48.0785, 49.0478,
47.7366


175.9280,
181.4350, 183.8156

 34.1006, 34.6574,
33.2598


215.6474,
222.6903, 226.7002

 23.1341, 23.3991,
22.0528

260.9357,
269.7683, 275.7844

 14.8138, 14.8885,
13.6970

312.1584,
323.0537, 331.4866

 8.7743, 8.7412,
7.7739

369.6807,

 4.6502, 4.5727,

382.9306, 394.2255

3.8649

433.8681,
449.7836, 464.4195

■ 2.0761, 1.9988,
1.5515

■ 0.6762, 0.6068,
0.2559

■ 86.5303, 88.7625,
88.1735

■ 86.5303, 88.7625,
88.1735

■ 78.4444, 77.9406,
68.9852

95.0500, 100.0000,
108.9000

■ 71.3137, 68.2259,
52.5912

■ 65.1025, 59.5856,
38.8613

■ 59.7706, 51.9811,
27.6526

■ 55.2744, 45.3713,
18.8086

■ 51.5662, 39.7121,
12.1554

■ 48.5928, 34.9558,
7.4944

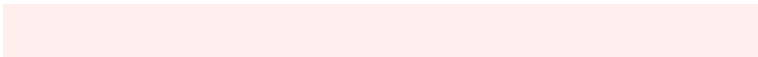
■ 46.2929, 31.0492,
4.5902

■ 44.5803, 27.9274,
3.0840

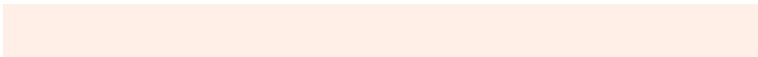
Harmonies

Analogous

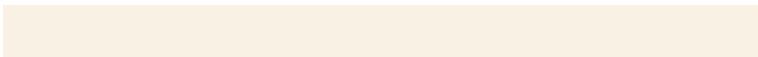
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7949, 88.7625, 92.2253



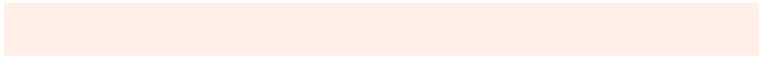
86.5303, 88.7625, 88.1735



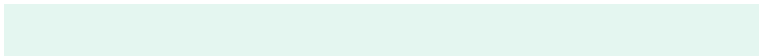
84.7001, 88.7625, 86.3957

Triad

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



86.5303, 88.7625, 88.1735



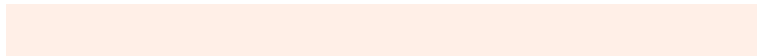
80.7062, 88.7625, 95.6951



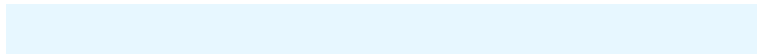
85.9440, 88.7625, 106.6643

Complementary

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



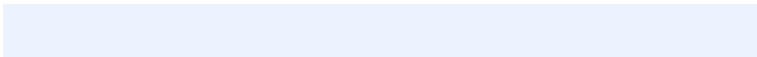
86.5303, 88.7625, 88.1735



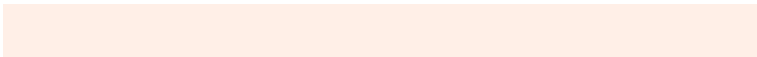
84.2650, 90.7280, 107.6788

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.



84.0329, 88.7625, 107.6793



86.5303, 88.7625, 88.1735



81.0278, 88.7625, 101.2083

Square

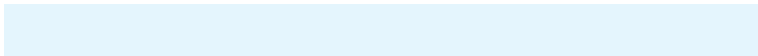
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5303, 88.7625, 88.1735



81.3529, 88.7625, 90.6308



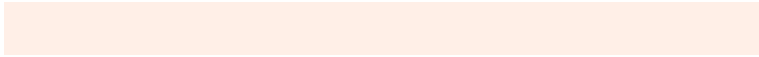
82.2383, 88.7625, 105.6473



87.4527, 88.7625, 102.9243

Rectangle

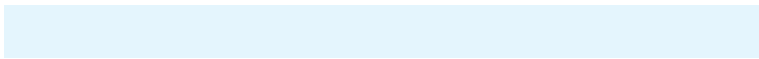
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5303, 88.7625, 88.1735



83.4129, 88.7625, 86.6881



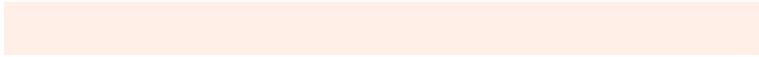
82.2383, 88.7625, 105.6473



85.3266, 88.7625, 107.3414

Sweetspot

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



86.5323, 88.7662, 88.1754



92.2376, 96.3071, 102.0068



86.6050, 85.1282, 99.8629



19.5851, 20.4062, 21.4491



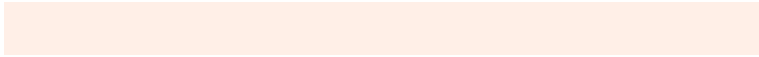
0.0000, 0.0000, 0.0000



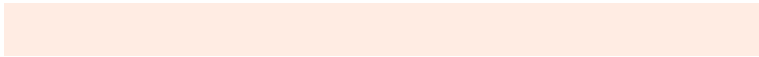
20.3446, 21.4041, 23.3091

Same Dimension

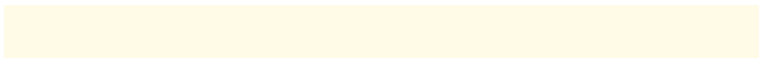
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5323, 88.7662, 88.1754



85.1818, 86.9704, 84.9343



90.1613, 96.0241, 89.3850



18.5043, 18.9768, 18.8319



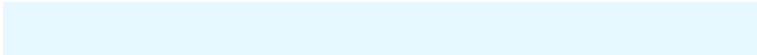
23.3703, 14.7519, 1.6156



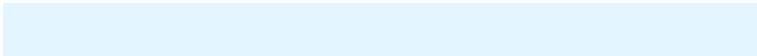
2.3712, 1.6277, 0.1892

Inverse Universe

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



84.2650, 90.7280, 107.6788



82.5604, 89.2381, 107.4810



80.7143, 83.6267, 106.4952



18.0145, 19.4007, 23.0452



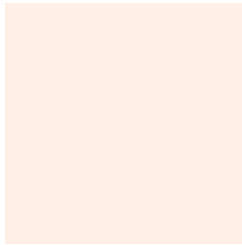
17.0805, 19.0706, 52.2153



1.7636, 2.0580, 5.1176

Previews

White Background



This preview shows how the XYZ color 86.5303, 88.7625, 88.1735 looks on a white background.

Color Contrast Check

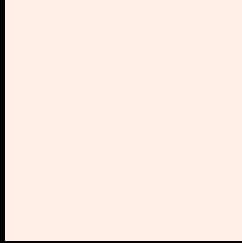
Large Text (above 18pt) WCAG AA × Fail

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 86.5303, 88.7625, 88.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

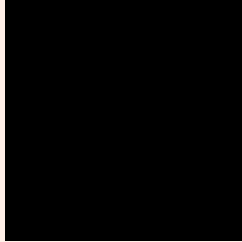
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

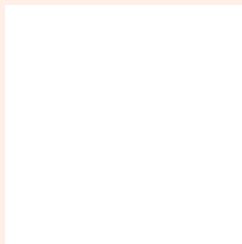
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5303, 88.7625, 88.1735

Background



This preview shows how black text looks on a background with the XYZ color 86.5303, 88.7625, 88.1735.

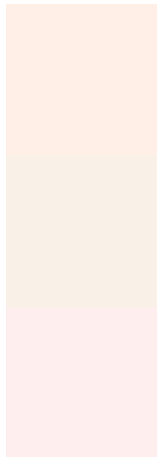


This preview shows how white text looks on a background with the XYZ color 86.5303, 88.7625,

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

86.5303, 88.7625, 88.1735

Protanopia

85.0877, 88.8765, 89.0142

Deuteranopia

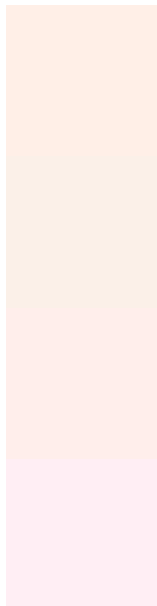
87.2472, 88.5821, 93.3886



Tritanopia

89.0949, 88.8566, 104.5507

Trichromacy



Original Color

86.5303, 88.7625, 88.1735

Protanomaly

85.5092, 88.6556, 88.9494

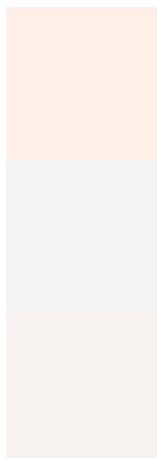
Deuteranomaly

86.8099, 88.4072, 91.0862

Tritanomaly

88.1437, 88.9407, 98.1096

Monochromacy



Original Color

86.5303, 88.7625, 88.1735

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 86.5303, 88.7625, 88.1735 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, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 231) }
```

Border

The CSS property to change the border of an element to XYZ 86.5303, 88.7625, 88.1735 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, 239, 231) }
```


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

```
.border{ border-color:rgb(255, 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(255, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5303, 88.7625, 88.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 231) }
```

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

```
.background{ background-color: rgb(255,  
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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