

Converting Colors

XYZ(85.1907, 88.6166, 79.9630)

Have a look what the booklet for
XYZ(85.1907, 88.6166, 79.9630)
contains.

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Color

**XYZ(85.1863, 88.6946,
79.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DB
RGB	255, 240, 219
RGB Percent	100%, 94%, 86%
CMY	0.0000, 0.0588, 0.1412
CMYK	0.00, 0.06, 0.14, 0.00
HSL	35°, 100%, 93%
HSV	35°, 14%, 100%
XYZ	85.1863, 88.6946, 79.6478
YIQ	242.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

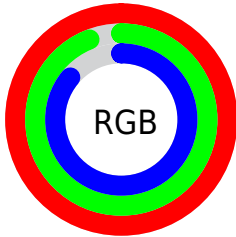
Format	Color
R_{YB}	245, 255, 219
Decimal	16773339
CIE _{Lab}	95.45, 1.67, 11.95
CIE _{LCh}	95, 12.071, 82.025
Yxy	88.6946, 0.3360, 0.3498
Android (android.graphics.Color)	4294963419 (0xFFFFF0DB)
YUV	242.0910, -11.3839, 11.3212
Hunter-Lab	94.1778, -3.3532, 15.7819

Details

The XYZ color **85.1863, 88.6946, 79.6478** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6856, 81.1236, 106.2244**, and the grayscale version is **84.5505, 88.9537, 96.8706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1300, 48.9671, 42.0895** is the 20% darker color. If you saturate the color by 10%, you get **79.0476, 81.3845, 62.2886**, and if you desaturate by 10%, it is **92.0263, 96.5839, 99.7802**.

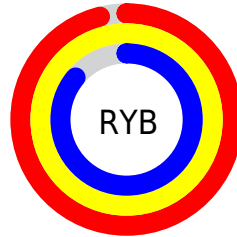
Distribution



Red (100%)

Green (94%)

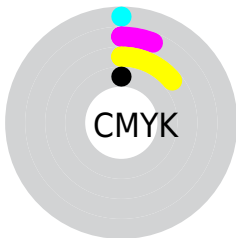
Blue (86%)



Red (96%)

Yellow (100%)

Blue (86%)

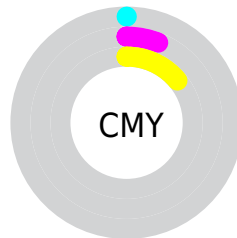


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1863, 88.6946, 79.6478 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 85.1863, 88.6946, 79.6478 by changing the saturation by 10% instead.


 85.1863, 88.6946,
79.6478

 85.1863, 88.6946,
79.6478


500.7187,
523.7752, 513.4205

 64.3183, 66.8985,
58.9041


139.5461,
145.5238, 134.6774

 47.1712, 49.0021,
42.1164

173.7687,
181.3257, 169.8003

 33.3795, 34.6212,
28.8662

213.1735,
222.5649, 210.5534

 22.5780, 23.3712,
18.7349

258.1259,
269.6259, 257.3553

 14.4012, 14.8678,
11.3040

308.9913,
322.8930, 310.6244

 8.4838, 8.7267,
6.1550

366.1350,

 4.4604, 4.5633,

382.7507, 370.7792

2.8692

429.9223,
449.5833, 438.2385

■ 1.9658, 1.9934,
1.0283

■ 0.6146, 0.6036,
0.0000

■ 85.1863, 88.6946,
79.6478

■ 85.1863, 88.6946,
79.6478

■ 79.0476, 81.3845,
62.2886

■ 92.0263, 96.5839,
99.7802

■ 73.5779, 74.6270,
47.5732

95.0500, 100.0000,
108.9000

■ 68.7509, 68.4093,
35.3699

■ 64.5358, 62.7140,
25.5338

■ 60.8991, 57.5222,
17.9046

■ 57.8035, 52.8134,
12.3020

■ 55.2056, 48.5647,
8.5168

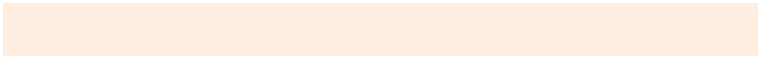
■ 53.0536, 44.7492,
6.2932

■ 51.9539, 42.6878,
5.5013

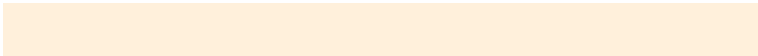
Harmonies

Analogous

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



88.2725, 88.6946, 82.9257



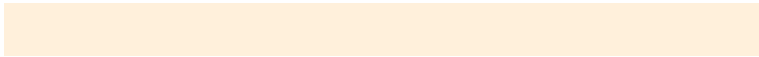
85.1863, 88.6946, 79.6478



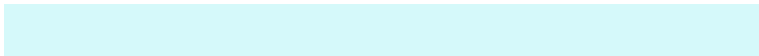
81.9408, 88.6946, 80.6654

Triad

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



85.1863, 88.6946, 79.6478



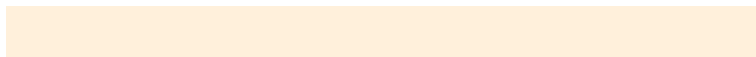
78.5467, 88.6946, 103.5604



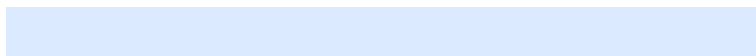
89.4108, 88.6946, 108.2103

Complementary

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



85.1863, 88.6946, 79.6478



76.6856, 81.1236, 106.2244

Split Complementary

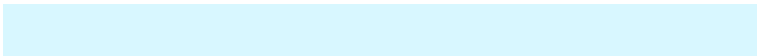
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7072, 88.6946, 114.4462



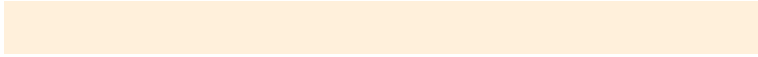
85.1863, 88.6946, 79.6478



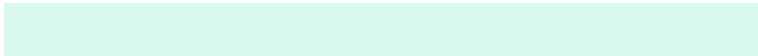
80.4515, 88.6946, 111.6418

Square

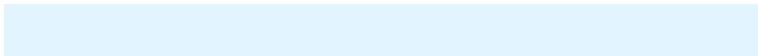
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1863, 88.6946, 79.6478



78.1636, 88.6946, 94.0703



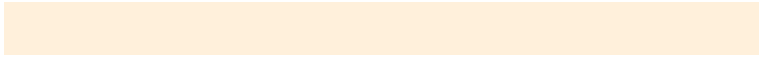
83.4230, 88.6946, 115.7414



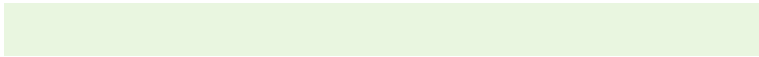
90.7528, 88.6946, 99.1204

Rectangle

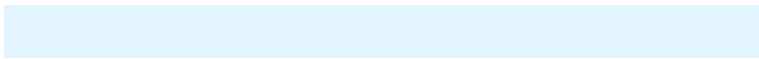
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1863, 88.6946, 79.6478



80.1185, 88.6946, 83.6748



83.4230, 88.6946, 115.7414



88.6277, 88.6946, 110.7336

Sweetspot

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



85.1883, 88.6983, 79.6497



92.1105, 96.6796, 100.0325



81.4234, 77.8646, 88.5806



19.5999, 20.5620, 21.0652



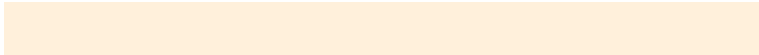
0.0000, 0.0000, 0.0000



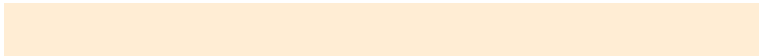
20.3446, 21.4041, 23.3091

Same Dimension

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



85.1883, 88.6983, 79.6497



83.3475, 86.5317, 74.3655



88.6914, 97.3300, 81.1311



18.8900, 19.7482, 18.9605



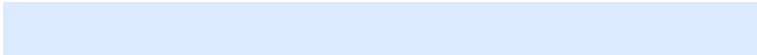
27.2979, 22.6070, 2.9248



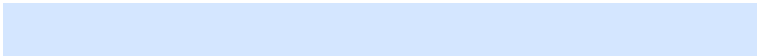
2.7658, 2.4170, 0.3208

Inverse Universe

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



76.6856, 81.1236, 106.2244



73.3157, 77.5953, 105.7210



73.5067, 73.4138, 104.9038



17.6246, 18.6208, 22.9152



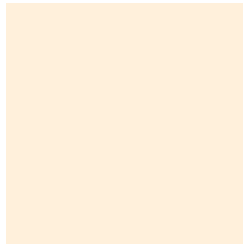
12.2753, 9.4602, 50.6136



1.3001, 1.1309, 4.9630

Previews

White Background



This preview shows how the XYZ color 85.1863, 88.6946, 79.6478 looks on a white background.

Color Contrast Check

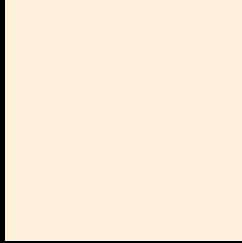
Large Text (above 18pt) WCAG AA × Fail

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 85.1863, 88.6946, 79.6478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

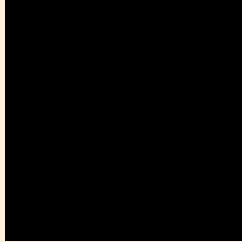
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1863, 88.6946, 79.6478

Background



This preview shows how black text looks on a background with the XYZ color 85.1863, 88.6946, 79.6478.



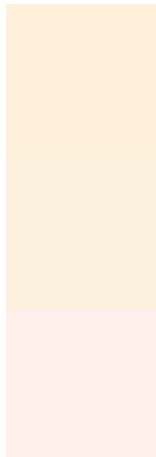
This preview shows how white text looks on a background with the XYZ color 85.1863, 88.6946,

79.6478.

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

85.1863, 88.6946, 79.6478

Protanopia

84.1572, 88.5871, 80.3736

Deuteranopia

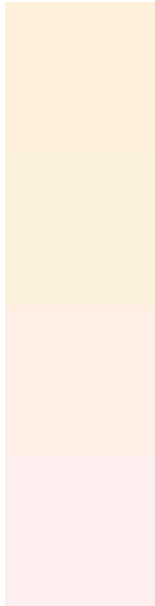
86.9578, 88.9335, 90.4246



Tritanopia

88.7795, 88.7305, 102.8900

Trichromacy



Original Color

85.1863, 88.6946, 79.6478

Protanomaly

84.5184, 88.7733, 80.3905

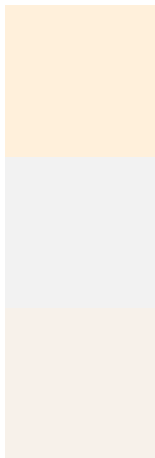
Deuteranomaly

86.2494, 88.6501, 86.6941

Tritanomaly

87.3945, 88.6411, 94.1646

Monochromacy



Original Color

85.1863, 88.6946, 79.6478

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6644, 88.6253, 90.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1863, 88.6946, 79.6478 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, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 219)  
}
```

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, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 85.1863, 88.6946, 79.6478 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, 240, 219) }
```


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

```
.border{ border-color:rgb(255, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1863, 88.6946, 79.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 219) }
```

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

```
.background{ background-color: rgb(255,  
240, 219) }
```

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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