

Converting Colors

XYZ(85.7621, 89.7458, 85.4756)

Have a look what the booklet for
XYZ(85.7621, 89.7458, 85.4756)
contains.

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Color

**XYZ(85.7621, 89.7458,
85.4756)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF2E3
RGB	252, 242, 227
RGB Percent	99%, 95%, 89%
CMY	0.0118, 0.0510, 0.1098
CMYK	0.00, 0.04, 0.10, 0.01
HSL	36°, 81%, 94%
HSV	36°, 10%, 99%
XYZ	85.7621, 89.7458, 85.4756
YIQ	243.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

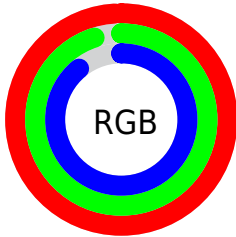
Format	Color
R_{YB}	244, 252, 227
Decimal	16577251
CIE Lab	95.89, 0.87, 8.42
CIE LCh	96, 8.463, 84.113
Yxy	89.7458, 0.3286, 0.3439
Android (android.graphics.Color)	4294767331 (0xFFFCF2E3)
YUV	243.2800, -8.0260, 7.6474
Hunter-Lab	94.7343, -4.1905, 12.8186

Details

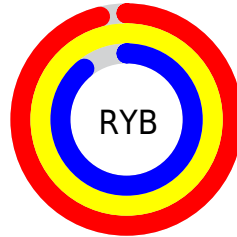
The XYZ color **85.7621, 89.7458, 85.4756** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5331, 83.9258, 104.1036**, and the grayscale version is **85.4724, 89.9236, 97.9268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5110, 49.6985, 46.1184** is the 20% darker color. If you saturate the color by 10%, you get **79.6197, 82.6250, 67.5059**, and if you desaturate by 10%, it is **92.5838, 97.4085, 106.1854**.

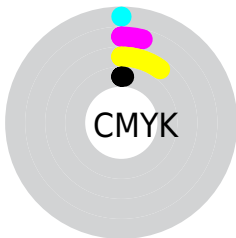
Distribution



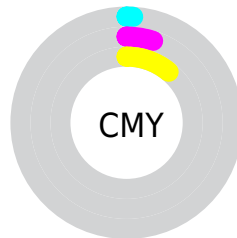
- Red (99%)
- Green (95%)
- Blue (89%)



- Red (96%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7621, 89.7458, 85.4756 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 85.7621, 89.7458, 85.4756 by changing the saturation by 10% instead.


 85.7621, 89.7458,
85.4756

 85.7621, 89.7458,
85.4756


502.5922,
527.2036, 533.3861

 64.7959, 67.7698,
63.6820


140.3460,
146.9852, 142.9175

 47.5597, 49.7105,
45.9486

174.6944,
183.0175, 179.4030

 33.6881, 35.1834,
31.8569

214.2342,
224.5040, 221.6227

 22.8159, 23.8042,
20.9883

259.3308,
271.8291, 269.9954

 14.5775, 15.1884,
12.9243

310.3496,
325.3772, 324.9396

 8.6078, 8.9517,
7.2463

367.6558,

 4.5413, 4.7097,

385.5328, 386.8737

3.5359

431.6149,
452.6801, 456.2164

■ 2.0127, 2.0780,
1.3743

■ 0.6411, 0.6522,
0.1216

■ 85.7621, 89.7458,
85.4756

■ 85.7621, 89.7458,
85.4756

■ 79.6197, 82.6250,
67.5059

■ 92.5838, 97.4085,
106.1854

■ 74.1245, 76.0203,
52.1537

■ 93.9552, 99.4356,
108.8488

■ 69.2526, 69.9207,
39.2955

■ 64.9758, 64.3105,
28.7955

■ 61.2630, 59.1728,
20.5049

■ 58.0800, 54.4891,
14.2576

■ 55.3880, 50.2391,
9.8639

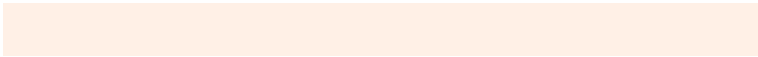
■ 53.1410, 46.3995,
7.0977

■ 51.2663, 42.9361,
5.5912

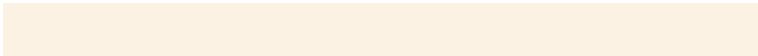
Harmonies

Analogous

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



87.9601, 89.7458, 87.6648



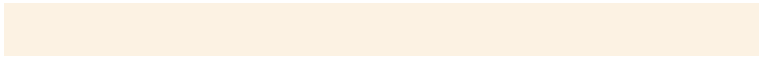
85.7621, 89.7458, 85.4756



83.4793, 89.7458, 86.4435

Triad

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



85.7621, 89.7458, 85.4756



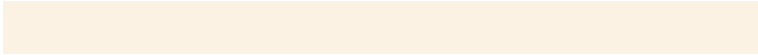
81.2674, 89.7458, 103.0665



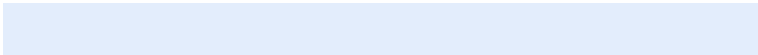
88.9907, 89.7458, 105.4520

Complementary

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



85.7621, 89.7458, 85.4756



79.5331, 83.9258, 104.1036

Split Complementary

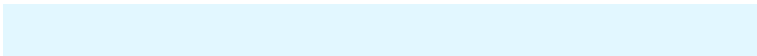
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1484, 89.7458, 109.9323



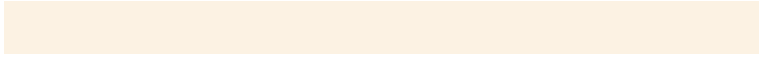
85.7621, 89.7458, 85.4756



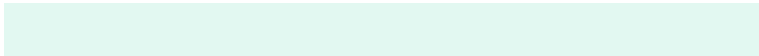
82.6954, 89.7458, 108.5116

Square

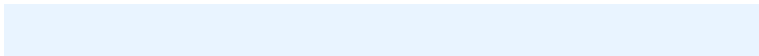
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7621, 89.7458, 85.4756



80.9115, 89.7458, 96.4048



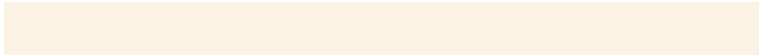
84.8409, 89.7458, 111.0767



89.8459, 89.7458, 99.0429

Rectangle

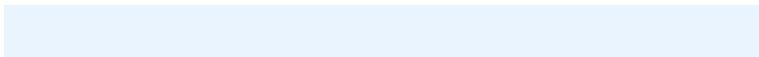
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7621, 89.7458, 85.4756



82.2130, 89.7458, 88.7724



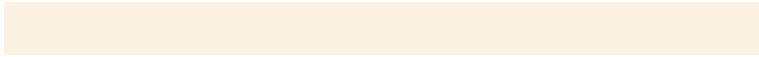
84.8409, 89.7458, 111.0767



88.4647, 89.7458, 107.2451

Sweetspot

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



85.7646, 89.7497, 85.4775



92.8746, 97.5811, 102.2192



82.9011, 81.7493, 91.5317



19.7569, 20.7498, 21.5064



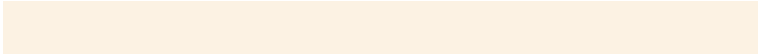
0.0000, 0.0000, 0.0000



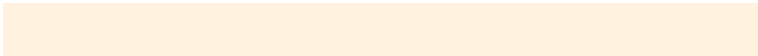
20.3446, 21.4041, 23.3091

Same Dimension

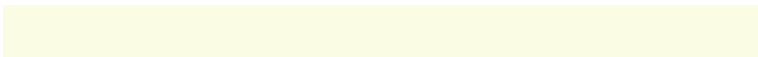
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7646, 89.7497, 85.4775



86.7295, 90.6248, 83.7270



87.9218, 95.3994, 86.4543



18.1112, 18.9582, 18.1671



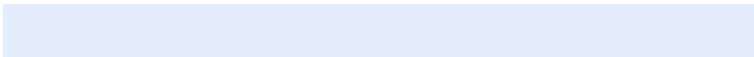
26.8458, 22.6483, 2.9566



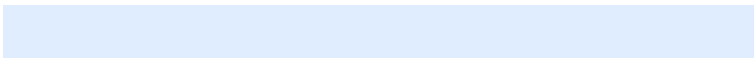
2.5901, 2.3050, 0.3084

Inverse Universe

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



79.5331, 83.9258, 104.1036



79.0929, 83.4879, 106.5539



77.5138, 78.7082, 103.2030



16.8525, 17.7819, 21.9293



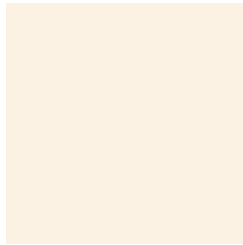
11.6989, 8.7535, 49.0465



1.1841, 1.0118, 4.5761

Previews

White Background



This preview shows how the XYZ color 85.7621, 89.7458, 85.4756 looks on a white background.

Color Contrast Check

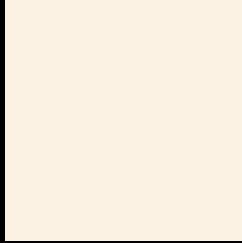
Large Text (above 18pt) WCAG AA × Fail

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 85.7621, 89.7458, 85.4756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

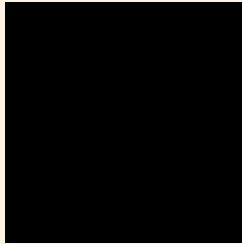
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7621, 89.7458, 85.4756

Background



This preview shows how black text looks on a background with the XYZ color 85.7621, 89.7458, 85.4756.



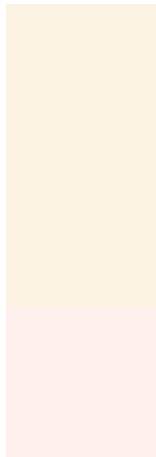
This preview shows how white text looks on a background with the XYZ color 85.7621, 89.7458,

85.4756.

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

85.7621, 89.7458, 85.4756

Protanopia

85.4009, 89.5595, 85.4587

Deuteranopia

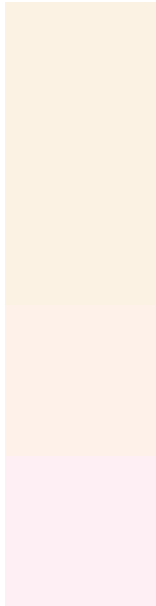
87.8327, 89.7532, 93.5837



Tritanopia

89.8645, 89.6291, 107.1715

Trichromacy



Original Color

85.7621, 89.7458, 85.4756

Protanomaly

85.4009, 89.5595, 85.4587

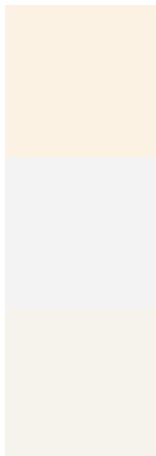
Deuteranomaly

87.1796, 89.9219, 90.6037

Tritanomaly

88.2210, 89.3964, 98.9917

Monochromacy



Original Color

85.7621, 89.7458, 85.4756

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.3427, 89.8084, 92.9575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7621, 89.7458, 85.4756 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(252, 242, 227) looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 227)  
}
```

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(252, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 227) }
```

Border

The CSS property to change the border of an element to XYZ 85.7621, 89.7458, 85.4756 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(252, 242, 227) }
```


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

```
.border{ border-color:rgb(252, 242, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7621, 89.7458, 85.4756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 227) }
```

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

```
.background{ background-color: rgb(252,  
242, 227) }
```

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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