

Converting Colors

XYZ(86.0160, 90.0078, 84.2434)

Have a look what the booklet for
XYZ(86.0160, 90.0078, 84.2434)
contains.

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Color

**XYZ(85.8508, 89.8232,
84.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF2E1
RGB	253, 242, 225
RGB Percent	99%, 95%, 88%
CMY	0.0078, 0.0510, 0.1176
CMYK	0.00, 0.04, 0.11, 0.01
HSL	36°, 88%, 94%
HSV	36°, 11%, 99%
XYZ	85.8508, 89.8232, 84.0469
YIQ	243.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

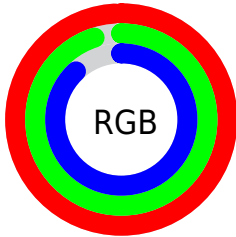
Format	Color
R_{YB}	243, 253, 225
Decimal	16642785
CIE Lab	95.92, 0.90, 9.51
CIE LCh	96, 9.550, 84.617
Yxy	89.8232, 0.3306, 0.3458
Android (android.graphics.Color)	4294832865 (0xFFFD2E1)
YUV	243.3510, -9.0470, 8.4622
Hunter-Lab	94.7751, -4.1645, 13.7640

Details

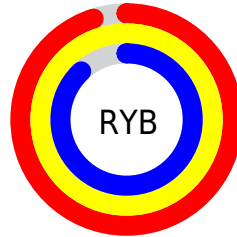
The XYZ color **85.8508, 89.8232, 84.0469** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7762, 83.0888, 104.8153**, and the grayscale version is **85.5362, 89.9907, 97.9999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5796, 49.7559, 45.1263** is the 20% darker color. If you saturate the color by 10%, you get **79.7756, 82.7924, 66.2368**, and if you desaturate by 10%, it is **92.6031, 97.3878, 104.6079**.

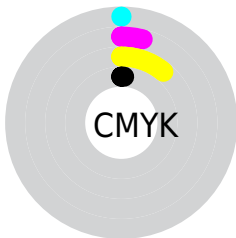
Distribution



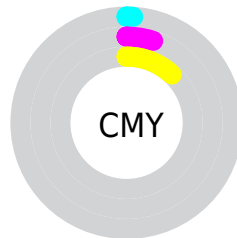
- Red (99%)
- Green (95%)
- Blue (88%)



- Red (95%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8508, 89.8232, 84.0469 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 85.8508, 89.8232, 84.0469 by changing the saturation by 10% instead.


 85.8508, 89.8232,
84.0469

 85.8508, 89.8232,
84.0469


502.8805,
527.4556, 528.5311

 64.8695, 67.8340,
62.5085


140.4692,
147.0928, 140.9031

 47.6195, 49.7627,
45.0053


174.8369,
183.1420, 177.0580

 33.7357, 35.2249,
31.1186

214.3975,
224.6466, 218.9222

 22.8526, 23.8362,
20.4300

259.5163,
271.9911, 266.9142

 14.6048, 15.2121,
12.5208

310.5586,
325.5599, 321.4525

 8.6270, 8.9684,
6.9726

367.8898,

 4.5538, 4.7206,

385.7373, 382.9558

3.3668

431.8754,
452.9077, 451.8424

■ 2.0200, 2.0843,
1.2848

■ 0.6451, 0.6558,
0.0493

■ 85.8508, 89.8232,
84.0469

■ 85.8508, 89.8232,
84.0469

■ 79.7756, 82.7924,
66.2368

■ 92.6031, 97.3878,
104.6079

■ 74.3451, 76.2695,
51.0530

■ 94.3184, 99.6229,
108.8658

■ 69.5352, 70.2437,
38.3697

■ 65.3170, 64.6992,
28.0486

■ 61.6592, 59.6191,
19.9376

■ 58.5269, 54.9850,
13.8668

■ 55.8804, 50.7764,
9.6412

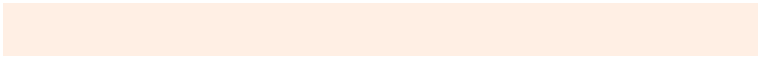
■ 53.6723, 46.9696,
7.0270

■ 52.0066, 43.8791,
5.7285

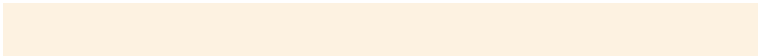
Harmonies

Analogous

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



88.3437, 89.8232, 86.4354



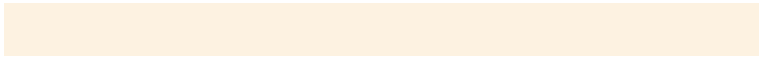
85.8508, 89.8232, 84.0469



83.2798, 89.8232, 85.1869

Triad

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



85.8508, 89.8232, 84.0469



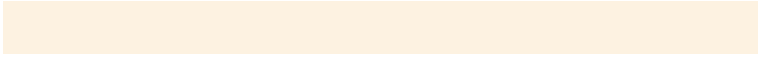
80.8476, 89.8232, 103.9759



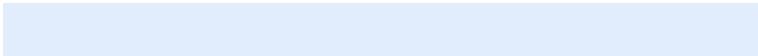
89.5748, 89.8232, 106.4531

Complementary

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



85.8508, 89.8232, 84.0469



78.7762, 83.0888, 104.8153

Split Complementary

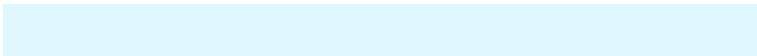
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5036, 89.8232, 111.6052



85.8508, 89.8232, 84.0469



82.4721, 89.8232, 110.1242

Square

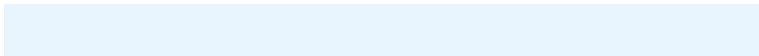
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8508, 89.8232, 84.0469



80.4255, 89.8232, 96.4463



84.8995, 89.8232, 112.9819



90.5219, 89.8232, 99.1708

Rectangle

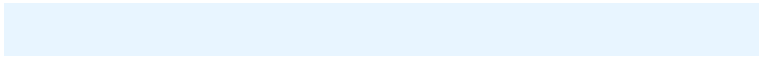
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8508, 89.8232, 84.0469



81.8626, 89.8232, 87.8264



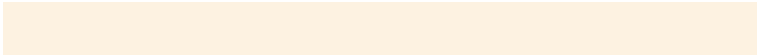
84.8995, 89.8232, 112.9819



88.9849, 89.8232, 108.5061

Sweetspot

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



85.8533, 89.8272, 84.0488



92.8917, 97.6153, 102.2248



82.6037, 80.8021, 90.7531



19.7615, 20.7591, 21.5079



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.



85.8533, 89.8272, 84.0488



86.1516, 90.0197, 81.8367



88.2130, 96.0488, 85.1254



18.9275, 19.8231, 18.9730



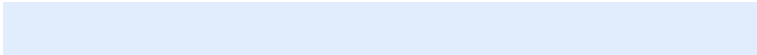
27.8114, 23.6339, 3.0960



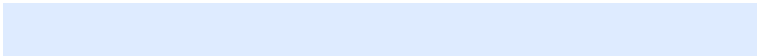
2.8144, 2.5141, 0.3369

Inverse Universe

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



78.7762, 83.0888, 104.8153



77.7987, 82.0668, 106.3478



76.5875, 77.4048, 103.8335



17.5881, 18.5478, 22.9030



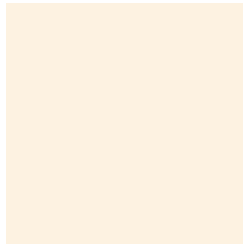
11.9545, 8.8185, 50.5067



1.2667, 1.0640, 4.9519

Previews

White Background



This preview shows how the XYZ color 85.8508, 89.8232, 84.0469 looks on a white background.

Color Contrast Check

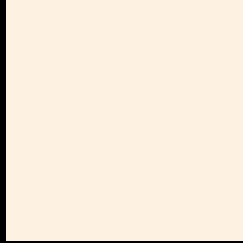
Large Text (above 18pt) WCAG AA × Fail

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 85.8508, 89.8232, 84.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

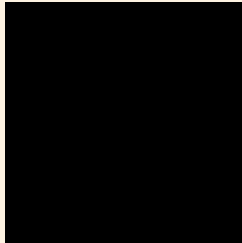
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8508, 89.8232, 84.0469

Background



This preview shows how black text looks on a background with the XYZ color 85.8508, 89.8232, 84.0469.



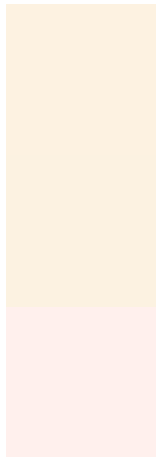
This preview shows how white text looks on a background with the XYZ color 85.8508, 89.8232,

84.0469.

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

85.8508, 89.8232, 84.0469

Protanopia

85.4876, 89.6360, 84.0300

Deuteranopia

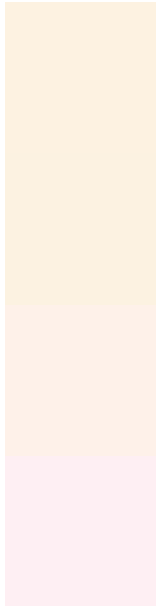
87.6862, 89.6946, 92.8120



Tritanopia

89.7039, 89.5648, 106.3258

Trichromacy



Original Color

85.8508, 89.8232, 84.0469

Protanomaly

85.4876, 89.6360, 84.0300

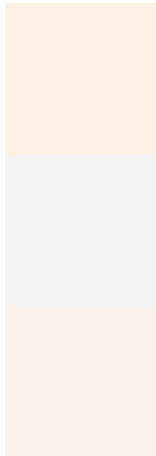
Deuteranomaly

87.0363, 89.8646, 89.8491

Tritanomaly

87.9172, 89.2749, 97.3921

Monochromacy



Original Color

85.8508, 89.8232, 84.0469

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5487, 89.9315, 92.2065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8508, 89.8232, 84.0469 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(253, 242, 225) looks like.

```
.text, #text, p{  
    color:rgb(253, 242, 225)  
}
```

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(253, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 85.8508, 89.8232, 84.0469 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(253, 242, 225) }
```


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

```
.border{ border-color:rgb(253, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8508, 89.8232, 84.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 225) }
```

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

```
.background{ background-color: rgb(253,  
242, 225) }
```

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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