

Converting Colors

XYZ(96.3323, 94.4879, 82.9292)

Have a look what the booklet for
XYZ(96.3323, 94.4879, 82.9292)
contains.

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Color

**XYZ(85.7194, 88.9079,
82.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DF
RGB	255, 240, 223
RGB Percent	100%, 94%, 87%
CMY	0.0000, 0.0588, 0.1255
CMYK	0.00, 0.06, 0.13, 0.00
HSL	32°, 100%, 94%
HSV	32°, 13%, 100%
XYZ	85.7194, 88.9079, 82.4551
YIQ	242.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

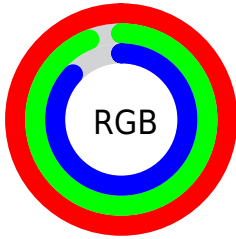
Format	Color
R _Y B	251, 255, 223
Decimal	16773343
CIE Lab	95.54, 2.29, 10.02
CIE LCh	96, 10.275, 77.102
Yxy	88.9079, 0.3334, 0.3458
Android (android.graphics.Color)	4294963423 (0xFFFFF0DF)
YUV	242.5470, -9.6367, 10.9213
Hunter-Lab	94.2910, -2.7359, 14.1561

Details

The XYZ color **85.7194, 88.9079, 82.4551** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0553, 84.0548, 106.6653**, and the grayscale version is **84.8994, 89.3208, 97.2704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4971, 49.1139, 44.0224** is the 20% darker color. If you saturate the color by 10%, you get **79.1348, 80.8326, 64.5567**, and if you desaturate by 10%, it is **93.0576, 97.6611, 103.1615**.

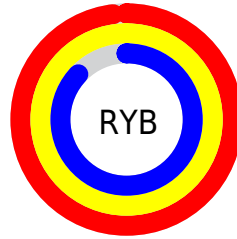
Distribution



Red (100%)

Green (94%)

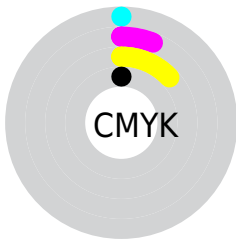
Blue (87%)



Red (98%)

Yellow (100%)

Blue (87%)

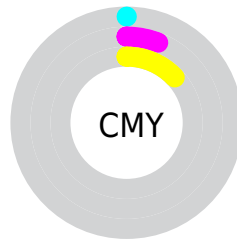


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7194, 88.9079, 82.4551 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 85.7194, 88.9079, 82.4551 by changing the saturation by 10% instead.


 85.7194, 88.9079,
82.4551

 85.7194, 88.9079,
82.4551

502.4534,
524.4719, 523.0921

 64.7605, 67.0752,
61.2027


140.2867,
145.8205, 138.6544

 47.5308, 49.1458,
43.9572


174.6258,
181.6692, 174.4385

 33.6652, 34.7351,
30.2999

214.1556,
222.9587, 215.9035

 22.7982, 23.4589,
19.8124

259.2415,
270.0734, 263.4680

 14.5644, 14.9327,
12.0760

310.2489,
323.3976, 317.5506

 8.5986, 8.7722,
6.6723

367.5431,

 4.5353, 4.5929,

383.3159, 378.5698

3.1827

431.4895,
450.2125, 446.9441

■ 2.0092, 2.0104,
1.1887

■ 0.6391, 0.6135,
0.0000

■ 85.7194, 88.9079,
82.4551

■ 85.7194, 88.9079,
82.4551

■ 79.1348, 80.8326,
64.5567

■ 93.0576, 97.6611,
103.1615

■ 73.2702, 73.4059,
49.3376

95.0500, 100.0000,
108.9000

■ 68.0982, 66.6126,
36.6676

■ 63.5872, 60.4324,
26.4029

■ 59.7026, 54.8437,
18.3857

■ 56.4060, 49.8232,
12.4386

■ 53.6538, 45.3449,
8.3572

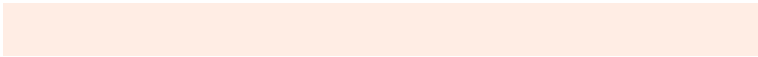
■ 51.3938, 41.3795,
5.8945

■ 49.9755, 38.7309,
4.8418

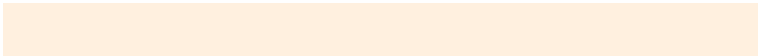
Harmonies

Analogous

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



88.2460, 88.9079, 85.8782



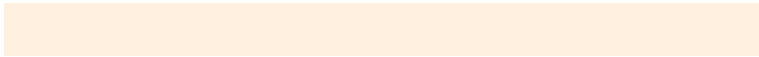
85.7194, 88.9079, 82.4551



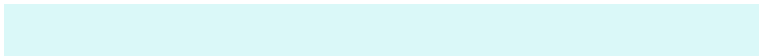
82.9211, 88.9079, 82.7201

Triad

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



85.7194, 88.9079, 82.4551



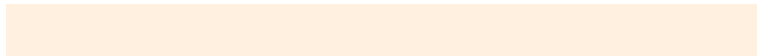
79.4312, 88.9079, 101.4405



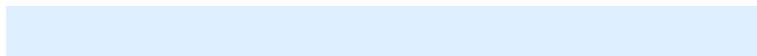
88.5356, 88.9079, 107.7560

Complementary

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



85.7194, 88.9079, 82.4551



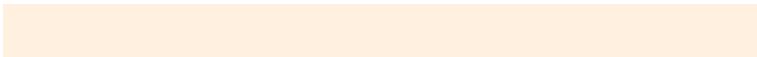
79.0553, 84.0548, 106.6653

Split Complementary

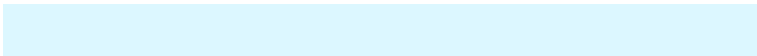
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1075, 88.9079, 112.4057



85.7194, 88.9079, 82.4551



80.8699, 88.9079, 108.6227

Square

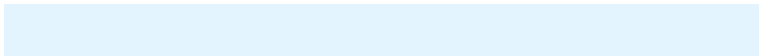
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7194, 88.9079, 82.4551



79.3325, 88.9079, 93.3833



83.3007, 88.9079, 112.7314



89.8961, 88.9079, 100.3105

Rectangle

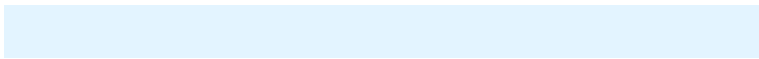
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7194, 88.9079, 82.4551



81.2781, 88.9079, 84.9504



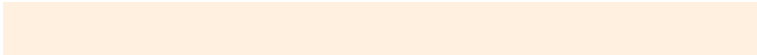
83.3007, 88.9079, 112.7314



87.8148, 88.9079, 109.7154

Sweetspot

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



85.7214, 88.9116, 82.4570



91.9451, 96.3487, 99.9773



83.1296, 80.2369, 92.3554



19.5580, 20.4782, 21.0513



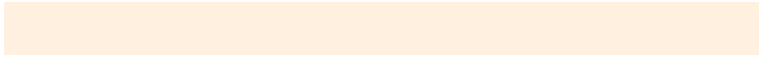
0.0000, 0.0000, 0.0000



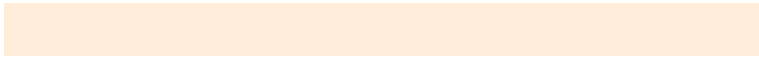
20.3446, 21.4041, 23.3091

Same Dimension

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



85.7214, 88.9116, 82.4570



84.0383, 86.8695, 77.8135



90.1236, 98.0068, 83.9805



18.8086, 19.5854, 18.9334



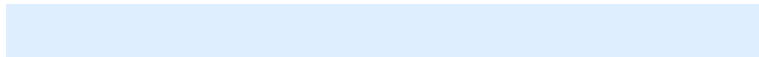
26.2642, 20.5396, 2.5803



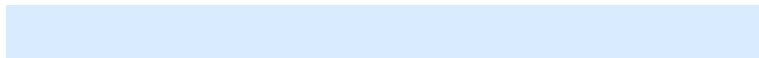
2.6667, 2.2187, 0.2877

Inverse Universe

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



79.0553, 84.0548, 106.6653



76.2059, 81.1632, 106.2573



75.0347, 75.7694, 105.2780



17.7048, 18.7812, 22.9419



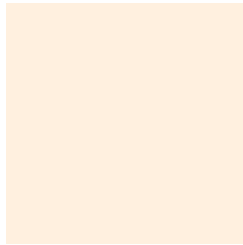
13.0554, 11.0204, 50.8736



1.3794, 1.2894, 4.9895

Previews

White Background



This preview shows how the XYZ color 85.7194, 88.9079, 82.4551 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 85.7194, 88.9079, 82.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

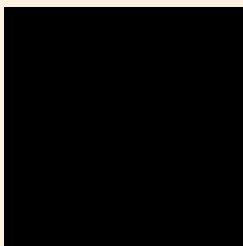
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7194, 88.9079, 82.4551

Background



This preview shows how black text looks on a background with the XYZ color 85.7194, 88.9079, 82.4551.



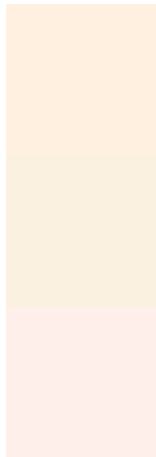
This preview shows how white text looks on a background with the XYZ color 85.7194, 88.9079,

82.4551.

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

85.7194, 88.9079, 82.4551

Protanopia

84.6935, 88.8016, 83.1976

Deuteranopia

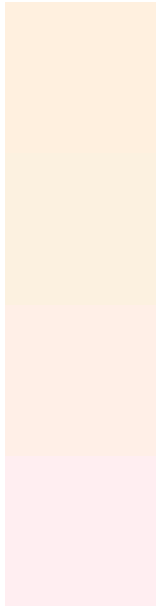
87.1019, 88.9912, 91.1835



Tritanopia

88.9368, 88.7934, 103.7182

Trichromacy



Original Color

85.7194, 88.9079, 82.4551

Protanomaly

85.0547, 88.9879, 83.2145

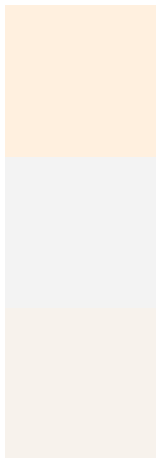
Deuteranomaly

86.5303, 88.7625, 88.1735

Tritanomaly

87.6917, 88.7599, 95.7296

Monochromacy



Original Color

85.7194, 88.9079, 82.4551

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.2502, 89.3345, 92.1070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7194, 88.9079, 82.4551 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 223) }
```

Border

The CSS property to change the border of an element to XYZ 85.7194, 88.9079, 82.4551 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, 223) }
```


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

```
.border{ border-color:rgb(255, 240, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7194, 88.9079, 82.4551 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
240, 223) }
```

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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