

Converting Colors

XYZ(104.1651, 100.0000,
77.6672)

Have a look what the booklet for
XYZ(104.1651, 100.0000, 77.6672)
contains.

XYZ(85.4282, 90.2162, 76.5293)	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(85.4282, 90.2162,
76.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D6
RGB	255, 243, 214
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0470, 0.1608
CMYK	0.00, 0.05, 0.16, 0.00
HSL	42°, 100%, 92%
HSV	42°, 16%, 100%
XYZ	85.4282, 90.2162, 76.5293
YIQ	243.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

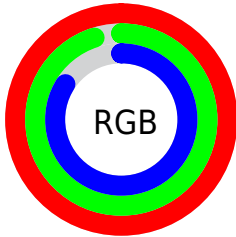
Format	Color
R _Y B	231, 255, 214
Decimal	16774102
CIE Lab	96.09, -0.60, 15.43
CIE LCh	96, 15.442, 92.230
Yxy	90.2162, 0.3388, 0.3578
Android (android.graphics.Color)	4294964182 (0xFFFFF3D6)
YUV	243.2820, -14.4360, 10.2767
Hunter-Lab	94.9822, -5.6737, 18.7163

Details

The XYZ color **85.4282, 90.2162, 76.5293** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.9773, 75.9069, 105.4129**, and the grayscale version is **85.5200, 89.9737, 97.9814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3170, 50.0496, 39.9676** is the 20% darker color. If you saturate the color by 10%, you get **80.2363, 84.6425, 59.9699**, and if you desaturate by 10%, it is **91.2249, 96.1830, 95.8078**.

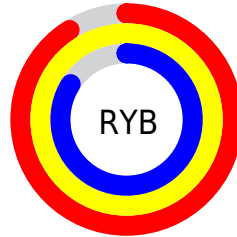
Distribution



Red (100%)

Green (95%)

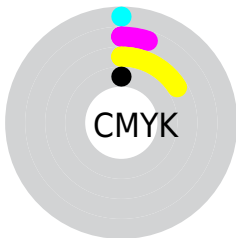
Blue (84%)



Red (91%)

Yellow (100%)

Blue (84%)

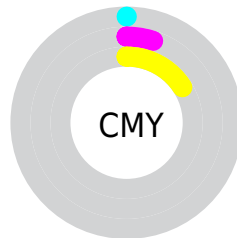


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4282, 90.2162, 76.5293 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 85.4282, 90.2162, 76.5293 by changing the saturation by 10% instead.


 85.4282, 90.2162,
76.5293

 85.4282, 90.2162,
76.5293


501.5062,
528.7339, 502.5526

 64.5189, 68.1600,
56.3574


139.8822,
147.6387, 130.2418

 47.3344, 50.0279,
40.0836


174.1577,
183.7737, 164.6194

 33.5091, 35.4356,
27.2895


213.6193,
225.3705, 204.5693

 22.6778, 23.9986,
17.5564

258.6323,
272.8133, 250.5101

 14.4752, 15.3326,
10.4658

309.5622,
326.4867, 302.8603

 8.5358, 9.0531,
5.5993

366.7742,

 4.4943, 4.7758,

386.7750, 362.0384

2.5382

430.6338,
454.0626, 428.4630

■ 1.9854, 2.1164,
0.8603

■ 0.6258, 0.6738,
0.0000

■ 85.4282, 90.2162,
76.5293

■ 85.4282, 90.2162,
76.5293

■ 80.2363, 84.6425,
59.9699

■ 91.2249, 96.1830,
95.8078

■ 75.6182, 79.4388,
45.9990

95.0500, 100.0000,
108.9000

■ 71.5494, 74.5965,
34.4836

■ 68.0009, 70.1022,
25.2769

■ 64.9408, 65.9415,
18.2157

■ 62.3329, 62.0980,
13.1160

■ 60.1352, 58.5530,
9.7619

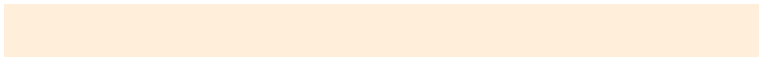
■ 58.2958, 55.2839,
7.8856

■ 57.6423, 54.0646,
7.3974

Harmonies

Analogous

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



89.6359, 90.2162, 78.8331



85.4282, 90.2162, 76.5293



81.4371, 90.2162, 79.6272

Triad

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



85.4282, 90.2162, 76.5293



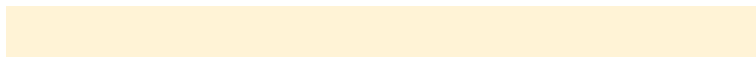
78.9790, 90.2162, 111.3313



93.2306, 90.2162, 109.6147

Complementary

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



85.4282, 90.2162, 76.5293



72.9773, 75.9069, 105.4129

Split Complementary

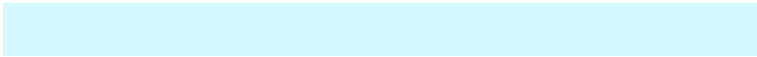
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2080, 90.2162, 119.5258



85.4282, 90.2162, 76.5293



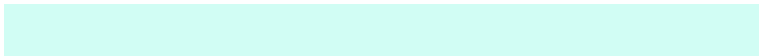
81.9738, 90.2162, 120.5733

Square

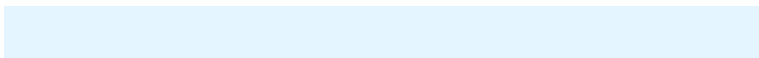
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4282, 90.2162, 76.5293



77.7916, 90.2162, 99.1494



86.0682, 90.2162, 123.6883



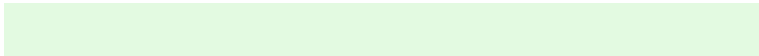
94.2288, 90.2162, 97.3165

Rectangle

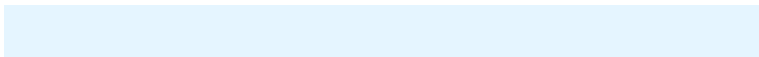
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4282, 90.2162, 76.5293



79.4112, 90.2162, 84.5020



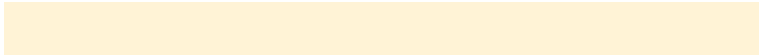
86.0682, 90.2162, 123.6883



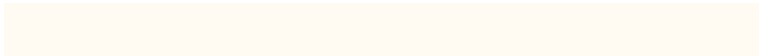
92.4128, 90.2162, 113.3699

Sweetspot

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



85.4303, 90.2200, 76.5312



91.8862, 96.8490, 98.0522



79.0559, 74.8617, 82.4516



19.5750, 20.6366, 20.6732



0.0000, 0.0000, 0.0000



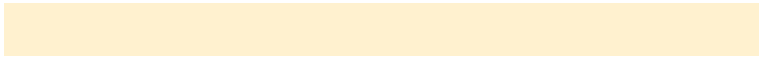
20.3446, 21.4041, 23.3091

Same Dimension

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



85.4303, 90.2200, 76.5312



83.8514, 88.5507, 71.4160



86.1853, 96.1130, 77.6289



19.0861, 20.1403, 19.0259



30.2548, 28.5208, 3.9105



3.0403, 2.9661, 0.4123

Inverse Universe

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



72.9773, 75.9069, 105.4129



69.4402, 71.9879, 104.8429



72.2831, 70.8756, 104.4784



17.4359, 18.2435, 22.8523



10.8432, 6.5960, 50.1362



1.1453, 0.8213, 4.9114

Previews

White Background



This preview shows how the XYZ color 85.4282, 90.2162, 76.5293 looks on a white background.

Color Contrast Check

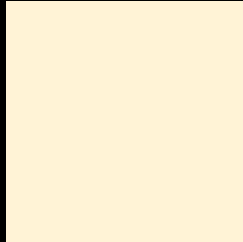
Large Text (above 18pt) WCAG AA × Fail

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 85.4282, 90.2162, 76.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

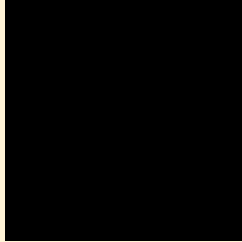
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4282, 90.2162, 76.5293

Background



This preview shows how black text looks on a background with the XYZ color 85.4282, 90.2162, 76.5293.



This preview shows how white text looks on a background with the XYZ color 85.4282, 90.2162,

76.5293.

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

85.4282, 90.2162, 76.5293

Protanopia

85.4282, 90.2162, 76.5293

Deuteranopia

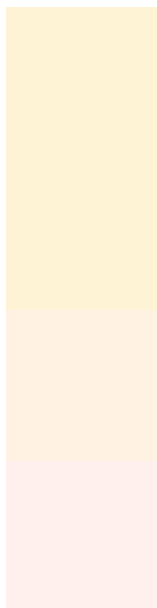
87.6907, 90.1688, 91.3798



Tritanopia

89.6772, 90.0213, 104.7448

Trichromacy



Original Color

85.4282, 90.2162, 76.5293

Protanomaly

85.4282, 90.2162, 76.5293

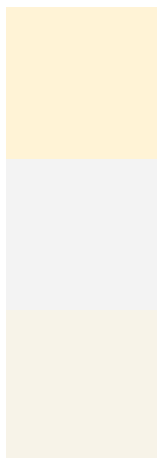
Deuteranomaly

86.8573, 90.3103, 85.5268

Tritanomaly

87.8327, 89.7532, 93.5837

Monochromacy



Original Color

85.4282, 90.2162, 76.5293

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9739, 89.7015, 89.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4282, 90.2162, 76.5293 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, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 214)  
}
```

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, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 214) }
```

Border

The CSS property to change the border of an element to XYZ 85.4282, 90.2162, 76.5293 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, 243, 214) }
```


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

```
.border{ border-color:rgb(255, 243, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4282, 90.2162, 76.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 214) }
```

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

```
.background{ background-color: rgb(255,  
243, 214) }
```

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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