

Converting Colors

XYZ(86.0809, 92.0058, 75.2541)

Have a look what the booklet for
XYZ(86.0809, 92.0058, 75.2541)
contains.

XYZ(86.0794, 91.9250, 75.4938)	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(86.0794, 91.9250,
75.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D4
RGB	255, 246, 212
RGB Percent	100%, 96%, 83%
CMY	0.0000, 0.0353, 0.1686
CMYK	0.00, 0.04, 0.17, 0.00
HSL	47°, 100%, 92%
HSV	47°, 17%, 100%
XYZ	86.0794, 91.9250, 75.4938
YIQ	244.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

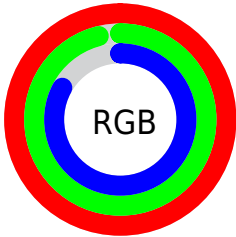
Format	Color
R_{YB}	223, 255, 212
Decimal	16774868
CIE _{Lab}	96.79, -2.41, 17.45
CIE _{LCh}	97, 17.614, 97.862
Yxy	91.9250, 0.3396, 0.3626
Android (android.graphics.Color)	4294964948 (0xFFFFF6D4)
YUV	244.8150, -16.1778, 8.9322
Hunter-Lab	95.8775, -7.5273, 20.4294

Details

The XYZ color **86.0794, 91.9250, 75.4938** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.0573, 72.9279, 104.9391**, and the grayscale version is **86.7610, 91.2794, 99.4032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7880, 51.2670, 39.2751** is the 20% darker color. If you saturate the color by 10%, you get **81.5149, 87.5435, 59.3360**, and if you desaturate by 10%, it is **91.2030, 96.6108, 94.3467**.

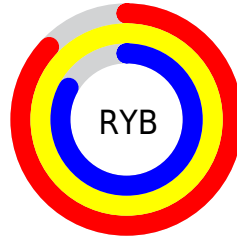
Distribution



Red (100%)

Green (96%)

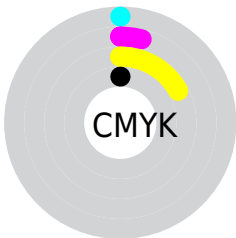
Blue (83%)



Red (87%)

Yellow (100%)

Blue (83%)

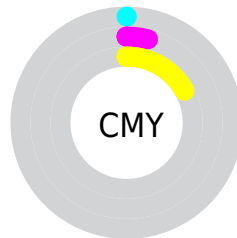


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0794, 91.9250, 75.4938 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 86.0794, 91.9250, 75.4938 by changing the saturation by 10% instead.


 86.0794, 91.9250,
75.4938

 86.0794, 91.9250,
75.4938


503.6230,
534.2731, 498.9137

 65.0591, 69.5783,
55.5134

140.7865,
150.0094, 128.7646

 47.7739, 51.1829,
39.4115


175.2041,
186.5160, 162.8921

 33.8584, 36.3541,
26.7697


214.8182,
228.5113, 202.5723

 22.9472, 24.7078,
17.1694

259.9941,
276.3798, 248.2239

 14.6750, 15.8595,
10.1921

311.0971,
330.5058, 300.2652

 8.6764, 9.4248,
5.4193

368.4927,

 4.5862, 5.0193,

391.2738, 359.1150

2.4323

432.5463,
459.0681, 425.1916

■ 2.0388, 2.2586,
0.8040

■ 0.6556, 0.7517,
0.0000

■ 86.0794, 91.9250,
75.4938

■ 86.0794, 91.9250,
75.4938

■ 81.5149, 87.5435,
59.3360

■ 91.2030, 96.6108,
94.3467

■ 77.4787, 83.4442,
45.7419

95.0500, 100.0000,
108.9000

■ 73.9469, 79.6200,
34.5782

■ 70.8911, 76.0588,
25.6969

■ 68.2797, 72.7475,
18.9339

■ 66.0771, 69.6710,
14.1032

■ 64.2413, 66.8120,
10.9861

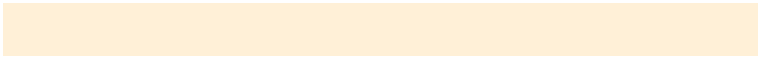
■ 62.7194, 64.1486,
9.3060

■ 62.2815, 63.3431,
8.9438

Harmonies

Analogous

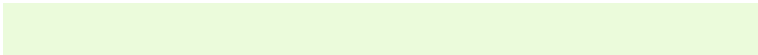
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9998, 91.9250, 76.9527



86.0794, 91.9250, 75.4938



81.6720, 91.9250, 80.1172

Triad

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



86.0794, 91.9250, 75.4938



80.0868, 91.9250, 117.7286



96.4670, 91.9250, 110.6937

Complementary

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



86.0794, 91.9250, 75.4938



71.0573, 72.9279, 104.9391

Split Complementary

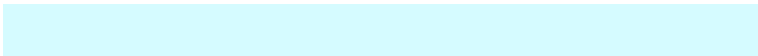
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3312, 91.9250, 123.1351



86.0794, 91.9250, 75.4938



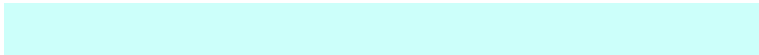
83.8419, 91.9250, 127.4560

Square

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



86.0794, 91.9250, 75.4938



78.2982, 91.9250, 103.8572



88.6774, 91.9250, 129.5223



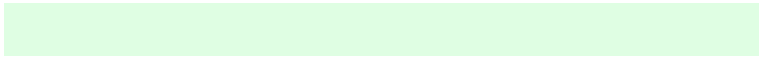
97.1210, 91.9250, 96.4164

Rectangle

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



86.0794, 91.9250, 75.4938



79.5747, 91.9250, 86.3085



88.6774, 91.9250, 129.5223



95.6626, 91.9250, 115.2672

Sweetspot

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



86.0816, 91.9290, 75.4957



92.2197, 97.5161, 98.1634



77.8776, 73.5854, 78.7279



19.6562, 20.7991, 20.7002



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

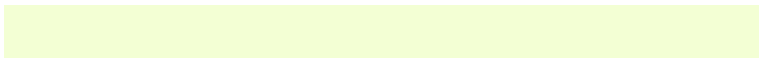
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0816, 91.9290, 75.4957



84.5899, 90.5213, 70.1407



84.5430, 95.2957, 76.2267



19.2197, 20.4076, 19.0704



32.6552, 33.3217, 4.7106



3.2566, 3.3985, 0.4843

Inverse Universe

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



71.0573, 72.9279, 104.9391



67.1677, 68.4890, 104.2873



72.3917, 70.1848, 104.3393



17.3108, 17.9932, 22.8106



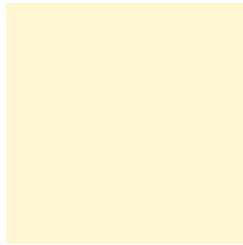
10.1904, 5.2904, 49.9186



1.0665, 0.6638, 4.8852

Previews

White Background



This preview shows how the XYZ color 86.0794, 91.9250, 75.4938 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 86.0794, 91.9250, 75.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

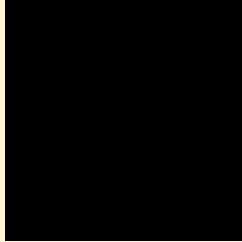
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.0794, 91.9250, 75.4938

Background



This preview shows how black text looks on a background with the XYZ color 86.0794, 91.9250, 75.4938.



This preview shows how white text looks on a background with the XYZ color 86.0794, 91.9250,

75.4938.

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

86.0794, 91.9250, 75.4938

Protanopia

86.9436, 91.7853, 81.5405

Deuteranopia

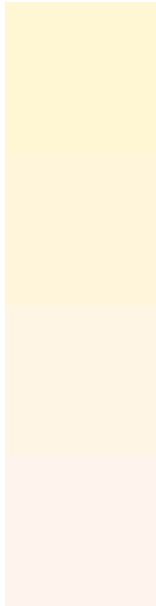
89.0233, 92.1344, 93.9806



Tritanopia

90.7218, 91.8561, 105.8770

Trichromacy



Original Color

86.0794, 91.9250, 75.4938

Protanomaly

86.5473, 91.6268, 79.4539

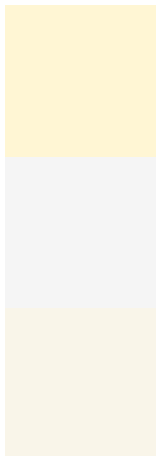
Deuteranomaly

88.0353, 92.2220, 87.2894

Tritanomaly

88.7232, 91.5342, 93.8806

Monochromacy



Original Color

86.0794, 91.9250, 75.4938

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4273, 91.3277, 90.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0794, 91.9250, 75.4938 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, 246, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 212)  
}
```

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, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 212) }
```

Border

The CSS property to change the border of an element to XYZ 86.0794, 91.9250, 75.4938 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, 246, 212) }
```


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

```
.border{ border-color:rgb(255, 246, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0794, 91.9250, 75.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 212) }
```

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

```
.background{ background-color: rgb(255,  
246, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor