

Converting Colors

XYZ(101.4333, 100.0000,
67.5765)

Have a look what the booklet for
XYZ(101.4333, 100.0000, 67.5765)
contains.

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Color

**XYZ(84.3888, 91.2488,
66.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6C6
RGB	255, 246, 198
RGB Percent	100%, 96%, 78%
CMY	0.0000, 0.0353, 0.2235
CMYK	0.00, 0.04, 0.22, 0.00
HSL	51°, 100%, 89%
HSV	51°, 22%, 100%
XYZ	84.3888, 91.2488, 66.5911
YIQ	243.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

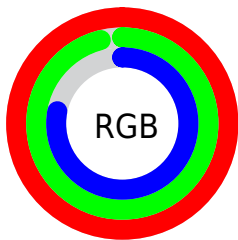
Format	Color
R _Y B	209, 255, 198
Decimal	16774854
CIE Lab	96.51, -4.40, 24.22
CIE LCh	97, 24.618, 100.301
Yxy	91.2488, 0.3484, 0.3767
Android (android.graphics.Color)	4294964934 (0xFFFFF6C6)
YUV	243.2190, -22.2930, 10.3319
Hunter-Lab	95.5242, -9.4755, 25.5352

Details

The XYZ color **84.3888, 91.2488, 66.5911** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.6510, 63.8496, 103.5772**, and the grayscale version is **85.5281, 89.9823, 97.9907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7362, 50.8463, 33.7366** is the 20% darker color. If you saturate the color by 10%, you get **80.4818, 87.7520, 51.9790**, and if you desaturate by 10%, it is **88.8220, 95.0047, 83.8238**.

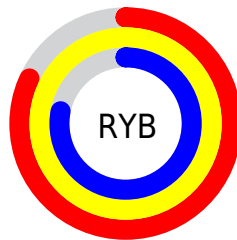
Distribution



Red (100%)

Green (96%)

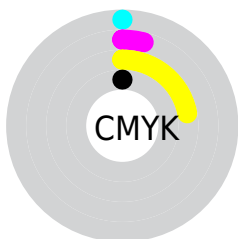
Blue (78%)



Red (82%)

Yellow (100%)

Blue (78%)

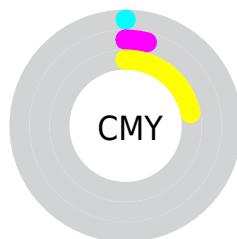


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3888, 91.2488, 66.5911 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 84.3888, 91.2488, 66.5911 by changing the saturation by 10% instead.

84.3888, 91.2488,
66.5911

84.3888, 91.2488,
66.5911

498.1176,
532.0848, 466.9497

63.6573, 69.0169,
48.2929

138.4374,
149.0718, 115.9694

46.6338, 50.7254,
33.6973

172.4851,
185.4317, 147.8865

32.9530, 35.9901,
22.3856

211.7023,
227.2697, 185.1804

22.2495, 24.4266,
13.9395

256.4543,
274.9701, 228.2696

14.1580, 15.6504,
7.9403

307.1065,
328.9175, 277.5725

8.3131, 9.2771,
3.9696

364.0242,

4.3494, 4.9224,

389.4961, 333.5079

1.6087

427.5728,
457.0904, 396.4941

■ 1.9016, 2.2018,
0.2970

■ 0.5778, 0.7210,
0.0000

■ 84.3888, 91.2488,
66.5911

■ 84.3888, 91.2488,
66.5911

■ 80.4818, 87.7520,
51.9790

■ 88.8220, 95.0047,
83.8238

■ 77.0693, 84.4921,
39.8512

■ 93.7980, 99.0173,
103.7928

■ 74.1266, 81.4619,
30.0679

95.0500, 100.0000,
108.9000

■ 71.6238, 78.6494,
22.4727

■ 69.5275, 76.0408,
16.8906

■ 67.7992, 73.6204,
13.1196

■ 66.3922, 71.3695,
10.9153

■ 65.4805, 69.7410,
10.0102

Harmonies

Analogous

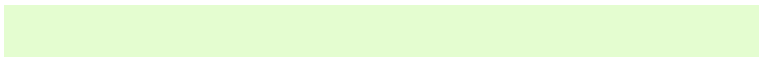
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2580, 91.2488, 67.8272



84.3888, 91.2488, 66.5911



78.4637, 91.2488, 73.2078

Triad

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



84.3888, 91.2488, 66.5911



77.0410, 91.2488, 125.8840



99.7680, 91.2488, 112.6582

Complementary

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



84.3888, 91.2488, 66.5911



63.6510, 63.8496, 103.5772

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.



95.5557, 91.2488, 131.0855



84.3888, 91.2488, 66.5911



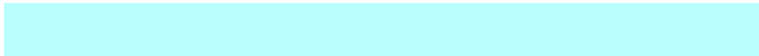
82.3529, 91.2488, 139.3918

Square

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



84.3888, 91.2488, 66.5911



74.3724, 91.2488, 106.2732



89.1126, 91.2488, 141.4118



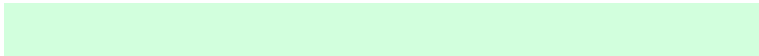
100.3842, 91.2488, 92.7427

Rectangle

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



84.3888, 91.2488, 66.5911



75.7548, 91.2488, 81.7671



89.1126, 91.2488, 141.4118



98.7155, 91.2488, 119.2985

Sweetspot

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



84.3910, 91.2528, 66.5930



91.4161, 97.1193, 94.1635



72.7585, 66.1787, 68.2926



19.5025, 20.7357, 19.8967



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

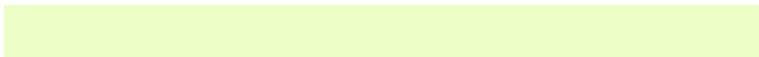
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3910, 91.2528, 66.5930



82.5106, 89.5950, 59.4828



80.5456, 93.4303, 67.2160



19.3028, 20.5737, 19.0981



34.3065, 36.6242, 5.2610



3.4030, 3.6913, 0.5331

Inverse Universe

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



63.6510, 63.8496, 103.5772



58.3055, 57.6166, 102.6558



66.8603, 62.3611, 103.1207



17.2344, 17.8404, 22.7851



9.9003, 4.7101, 49.8219



1.0275, 0.5857, 4.8722

Previews

White Background



This preview shows how the XYZ color 84.3888, 91.2488, 66.5911 looks on a white background.

Color Contrast Check

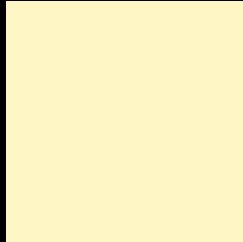
Large Text (above 18pt) WCAG AA × Fail

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 84.3888, 91.2488, 66.5911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

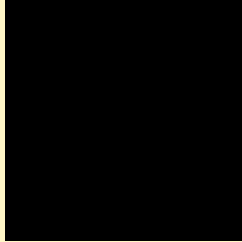
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3888, 91.2488, 66.5911

Background



This preview shows how black text looks on a background with the XYZ color 84.3888, 91.2488, 66.5911.

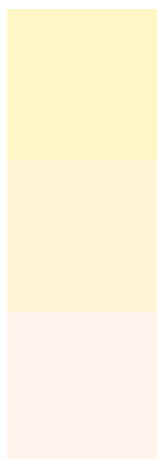


This preview shows how white text looks on a background with the XYZ color 84.3888, 91.2488,

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

84.3888, 91.2488, 66.5911

Protanopia

86.1581, 91.4711, 77.4046

Deuteranopia

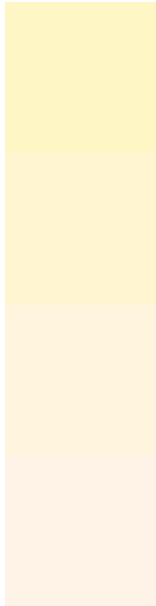
88.2860, 91.3593, 91.5782



Tritanopia

90.2660, 91.1989, 104.9411

Trichromacy



Original Color

84.3888, 91.2488, 66.5911

Protanomaly

85.4010, 91.1683, 73.4177

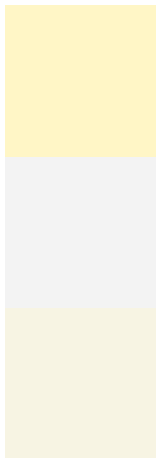
Deuteranomaly

86.7755, 91.2353, 82.1439

Tritanomaly

87.8561, 91.1874, 89.3143

Monochromacy



Original Color

84.3888, 91.2488, 66.5911

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.5736, 90.0216, 85.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3888, 91.2488, 66.5911 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, 198) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 198) }
```

Border

The CSS property to change the border of an element to XYZ 84.3888, 91.2488, 66.5911 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, 198) }
```


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

```
.border{ border-color:rgb(255, 246, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 198); box-shadow:4px 4px 4px 4px rgb(255, 246, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3888, 91.2488, 66.5911 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
246, 198) }
```

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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