

Converting Colors

XYZ(84.2063, 93.4207, 58.7092)

Have a look what the booklet for
XYZ(84.2063, 93.4207, 58.7092)
contains.

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Color

**XYZ(84.3889, 93.7151,
58.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBB8
RGB	255, 251, 184
RGB Percent	100%, 98%, 72%
CMY	0.0000, 0.0157, 0.2784
CMYK	0.00, 0.02, 0.28, 0.00
HSL	57°, 100%, 86%
HSV	57°, 28%, 100%
XYZ	84.3889, 93.7151, 58.9884
YIQ	244.5580, 23.8910, -19.9890

Conversions

Conversions Part 2

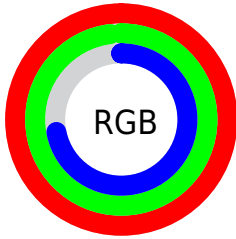
Format	Color
R _Y B	188, 255, 184
Decimal	16776120
CIE Lab	97.52, -8.73, 32.68
CIE LCh	98, 33.824, 104.962
Yxy	93.7151, 0.3559, 0.3953
Android (android.graphics.Color)	4294966200 (0xFFFFFBB8)
YUV	244.5580, -29.8551, 9.1576
Hunter-Lab	96.8066, -13.8082, 31.6366

Details

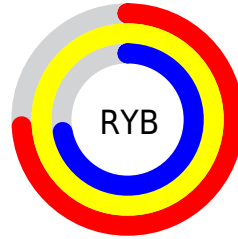
The XYZ color **84.3889, 93.7151, 58.9884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.8000, 53.3752, 101.9692**, and the grayscale version is **86.6567, 91.1696, 99.2837**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **46.8331, 52.6477, 28.8127** is the 20% darker color. If you saturate the color by 10%, you get **81.5077, 91.8517, 46.0081**, and if you desaturate by 10%, it is **87.7600, 95.7864, 74.5113**.

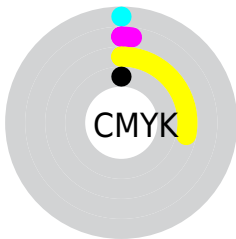
Distribution



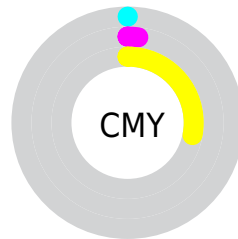
- Red (100%)
- Green (98%)
- Blue (72%)



- Red (74%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3889, 93.7151, 58.9884 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 84.3889, 93.7151, 58.9884 by changing the saturation by 10% instead.


 84.3889, 93.7151,
58.9884

 84.3889, 93.7151,
58.9884


498.1180,
540.0433, 438.5596

 63.6574, 71.0660,
42.1838


 138.4375,
152.4883, 104.8898

 46.6339, 52.3961,
28.9186


172.4853,
189.3811, 134.8236

 32.9530, 37.3209,
18.7742


211.7025,
231.7907, 169.9710

 22.2495, 25.4560,
11.3321

256.4546,
280.1014, 210.7505

 14.1580, 16.4171,
6.1737

307.1068,
334.6977, 257.5805

 8.3131, 9.8198,
2.8805

364.0245,

 4.3494, 5.2796,

395.9638, 310.8797

1.0339

427.5731,
464.2842, 371.0665

■ 1.9016, 2.4123,
0.0000

■ 0.5778, 0.8322,
0.0000

■ 84.3889, 93.7151,
58.9884

■ 84.3889, 93.7151,
58.9884

■ 81.5077, 91.8517,
46.0081

■ 87.7600, 95.7864,
74.5113

■ 79.0836, 90.1732,
35.4281

■ 91.6379, 98.0627,
92.6971

■ 77.0906, 88.6726,
27.1013

95.0500, 100.0000,
108.9000

■ 75.4971, 87.3372,
20.8617

■ 74.2673, 86.1527,
16.5209

■ 73.3589, 85.1021,
13.8564

■ 72.7155, 84.1629,
12.5705

■ 72.5939, 83.9678,
12.3813

Harmonies

Analogous

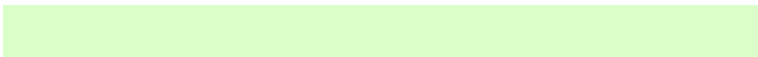
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9527, 93.7151, 59.0011



84.3889, 93.7151, 58.9884



76.6474, 93.7151, 68.9975

Triad

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



84.3889, 93.7151, 58.9884



76.6317, 93.7151, 144.1743



108.1306, 93.7151, 116.3909

Complementary

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



84.3889, 93.7151, 58.9884



55.8000, 53.3752, 101.9692

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.



102.7746, 93.7151, 144.2371



84.3889, 93.7151, 58.9884



84.3660, 93.7151, 162.1330

Square

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



84.3889, 93.7151, 58.9884



72.3926, 93.7151, 116.3166



93.9281, 93.7151, 162.1579



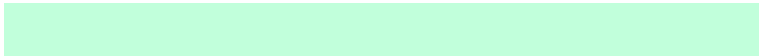
108.1378, 93.7151, 88.9818

Rectangle

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



84.3889, 93.7151, 58.9884



73.3633, 93.7151, 81.2476



93.9281, 93.7151, 162.1579



106.8799, 93.7151, 126.1072

Sweetspot

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



84.3912, 93.7193, 58.9904



91.5727, 98.0251, 92.3890



67.5376, 59.2046, 55.8617



19.4686, 20.9053, 19.1534



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

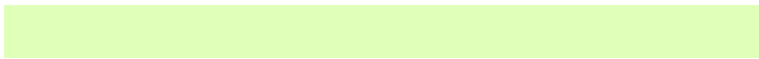
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3912, 93.7193, 58.9904



82.8450, 92.7317, 51.9858



75.2251, 90.8655, 58.9227



19.4686, 20.9053, 19.1534



37.9697, 43.9507, 6.4821



3.7226, 4.3306, 0.6397

Inverse Universe

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



55.8000, 53.3752, 101.9692



50.2557, 46.7485, 100.9824



63.1472, 55.9139, 102.0720



17.0850, 17.5416, 22.7353



9.5484, 4.0064, 49.7046



0.9572, 0.4452, 4.8487

Previews

White Background



This preview shows how the XYZ color 84.3889, 93.7151, 58.9884 looks on a white background.

Color Contrast Check

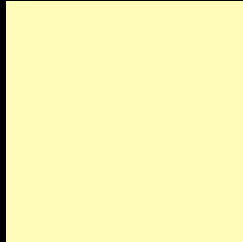
Large Text (above 18pt) WCAG AA × Fail

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 84.3889, 93.7151, 58.9884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

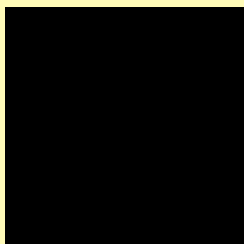
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3889, 93.7151, 58.9884

Background



This preview shows how black text looks on a background with the XYZ color 84.3889, 93.7151, 58.9884.

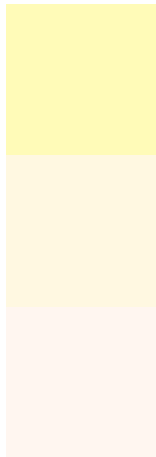


This preview shows how white text looks on a background with the XYZ color 84.3889, 93.7151,

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

84.3889, 93.7151, 58.9884

Protanopia

88.3980, 93.8310, 84.6863

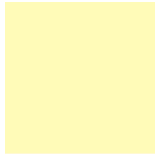
Deuteranopia

89.9239, 93.4628, 95.7387

Tritanopia

91.6220, 93.6567, 106.1771

Trichromacy



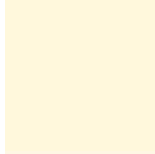
Original Color

84.3889, 93.7151, 58.9884



Protanomaly

86.7485, 93.6645, 74.4797



Deuteranomaly

87.7257, 93.5621, 81.1458



Tritanomaly

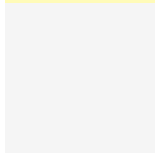
88.5044, 93.3830, 86.7588

Monochromacy



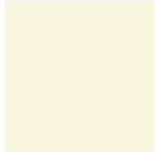
Original Color

84.3889, 93.7151, 58.9884



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.6470, 91.9890, 83.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3889, 93.7151, 58.9884 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, 251, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 184)  
}
```

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, 251, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 184) }
```

Border

The CSS property to change the border of an element to XYZ 84.3889, 93.7151, 58.9884 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, 251, 184) }
```


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

```
.border{ border-color:rgb(255, 251, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3889, 93.7151, 58.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 184) }
```

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

```
.background{ background-color: rgb(255,  
251, 184) }
```

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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