

Converting Colors

XYZ(83.6292, 92.4856, 57.8414)

Have a look what the booklet for
XYZ(83.6292, 92.4856, 57.8414)
contains.

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Color

**XYZ(83.5592, 92.3888,
57.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B6
RGB	255, 249, 182
RGB Percent	100%, 98%, 71%
CMY	0.0000, 0.0235, 0.2863
CMYK	0.00, 0.02, 0.29, 0.00
HSL	55°, 100%, 86%
HSV	55°, 29%, 100%
XYZ	83.5592, 92.3888, 57.6847
YIQ	243.1560, 25.0830, -19.5650

Conversions

Conversions Part 2

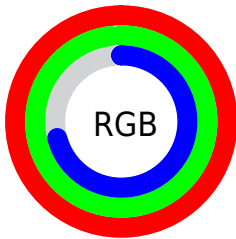
Format	Color
R _Y B	189, 255, 182
Decimal	16775606
CIE Lab	96.98, -7.99, 32.96
CIE LCh	97, 33.915, 103.632
Yxy	92.3888, 0.3577, 0.3954
Android (android.graphics.Color)	4294965686 (0xFFFFF9B6)
YUV	243.1560, -30.1499, 10.3872
Hunter-Lab	96.1191, -13.0330, 31.7012

Details

The XYZ color **83.5592, 92.3888, 57.6847** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.3242, 53.1300, 101.9469**, and the grayscale version is **85.5361, 89.9907, 97.9998**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **46.0584, 51.5952, 28.3002** is the 20% darker color. If you saturate the color by 10%, you get **80.5175, 90.1456, 44.8320**, and if you desaturate by 10%, it is **87.0925, 94.8466, 73.0709**.

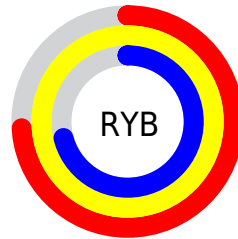
Distribution



Red (100%)

Green (98%)

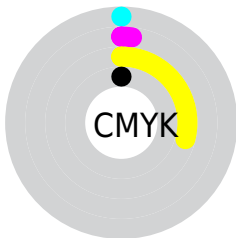
Blue (71%)



Red (74%)

Yellow (100%)

Blue (71%)

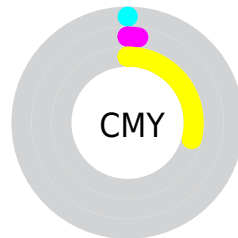


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5592, 92.3888, 57.6847 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 83.5592, 92.3888, 57.6847 by changing the saturation by 10% instead.


 83.5592, 92.3888,
57.6847

 83.5592, 92.3888,
57.6847


495.4041,
535.7713, 433.5754

 62.9700, 69.9636,
41.1422


 137.2829,
150.6521, 102.9738

 46.0755, 51.4969,
28.1097


171.1481,
187.2591, 132.5575

 32.5103, 36.6042,
18.1686

210.1693,
229.3621, 167.3253

 21.9090, 24.9012,
10.9004

254.7120,
277.3455, 207.6958

 13.9063, 16.0034,
5.8866

305.1415,
331.5937, 254.0875

 8.1368, 9.5266,
2.7086

361.8231,

 4.2351, 5.0862,

392.4911, 306.9190

0.9477

425.1222,
460.4222, 366.6088

■ 1.8360, 2.2979,
0.0000

■ 0.5392, 0.7726,
0.0000

■ 83.5592, 92.3888,
57.6847

■ 83.5592, 92.3888,
57.6847

■ 80.5175, 90.1456,
44.8320

■ 87.0925, 94.8466,
73.0709

■ 77.9346, 88.0942,
34.3698

■ 91.1348, 97.5164,
91.1117

■ 75.7842, 86.2273,
26.1496

95.0500, 100.0000,
108.9000

■ 74.0345, 84.5321,
20.0041

■ 72.6492, 82.9940,
15.7426

■ 71.5854, 81.5959,
13.1392

■ 70.7820, 80.3133,
11.8720

■ 70.6809, 80.1417,
11.7436

Harmonies

Analogous

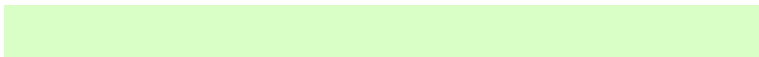
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0851, 92.3888, 58.1340



83.5592, 92.3888, 57.6847



75.7516, 92.3888, 67.1563

Triad

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



83.5592, 92.3888, 57.6847



75.1917, 92.3888, 141.3830



106.6186, 92.3888, 116.1411

Complementary

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



83.5592, 92.3888, 57.6847



55.3242, 53.1300, 101.9469

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.



101.0908, 92.3888, 143.6202



83.5592, 92.3888, 57.6847



82.7434, 92.3888, 159.9014

Square

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



83.5592, 92.3888, 57.6847



71.1623, 92.3888, 113.4949



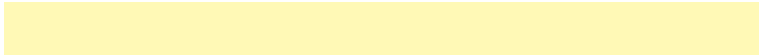
92.2083, 92.3888, 160.7873



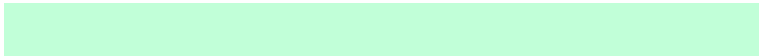
106.8768, 92.3888, 88.7128

Rectangle

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



83.5592, 92.3888, 57.6847



72.3790, 92.3888, 79.0172



92.2083, 92.3888, 160.7873



105.2980, 92.3888, 125.7833

Sweetspot

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



83.5614, 92.3929, 57.6866



90.9744, 97.4127, 90.3888



67.0547, 58.3513, 55.3540



19.3400, 20.7645, 18.7520



0.0000, 0.0000, 0.0000



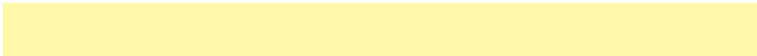
20.3446, 21.4041, 23.3091

Same Dimension

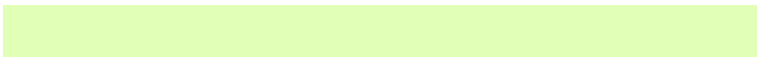
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5614, 92.3929, 57.6866



81.8669, 91.1603, 50.4734



75.1256, 90.8383, 57.8312



19.4261, 20.8204, 19.1392



36.9855, 41.9823, 6.1541



3.6373, 4.1600, 0.6113

Inverse Universe

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



55.3242, 53.1300, 101.9469



49.6739, 46.4009, 100.9459



62.0504, 54.7361, 101.9024



17.1228, 17.6173, 22.7480



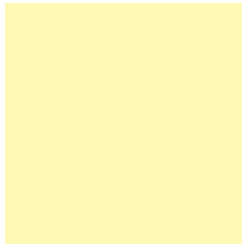
9.6124, 4.1344, 49.7260



0.9751, 0.4809, 4.8547

Previews

White Background



This preview shows how the XYZ color 83.5592, 92.3888, 57.6847 looks on a white background.

Color Contrast Check

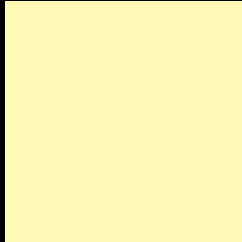
Large Text (above 18pt) WCAG AA × Fail

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 83.5592, 92.3888, 57.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

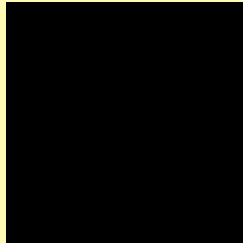
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5592, 92.3888, 57.6847

Background



This preview shows how black text looks on a background with the XYZ color 83.5592, 92.3888, 57.6847.

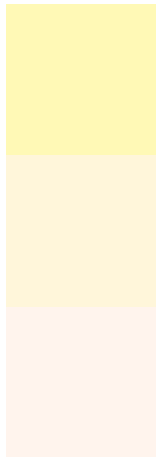


This preview shows how white text looks on a background with the XYZ color 83.5592, 92.3888,

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

83.5592, 92.3888, 57.6847

Protanopia

86.8507, 92.2335, 79.5550

Deuteranopia

88.8767, 92.0758, 93.2089



Tritanopia

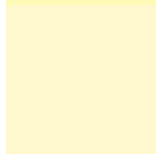
90.8613, 92.3895, 105.1395

Trichromacy



Original Color

83.5592, 92.3888, 57.6847



Protanomaly

85.5202, 92.1893, 71.0445



Deuteranomaly

86.7202, 92.1813, 78.8678



Tritanomaly

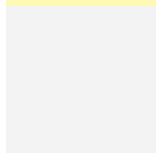
87.7575, 92.1109, 85.8269

Monochromacy



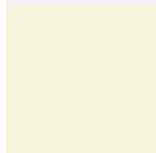
Original Color

83.5592, 92.3888, 57.6847



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

84.0613, 90.2994, 81.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5592, 92.3888, 57.6847 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, 249, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 182)  
}
```

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, 249, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 182) }
```

Border

The CSS property to change the border of an element to XYZ 83.5592, 92.3888, 57.6847 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, 249, 182) }
```


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

```
.border{ border-color:rgb(255, 249, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5592, 92.3888, 57.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 182) }
```

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

```
.background{ background-color: rgb(255,  
249, 182) }
```

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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