

Converting Colors

XYZ(83.3263, 93.0769, 60.6036)

Have a look what the booklet for
XYZ(83.3263, 93.0769, 60.6036)
contains.

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Color

**XYZ(83.2505, 93.0914,
60.5944)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFBFB
RGB	251, 251, 187
RGB Percent	98%, 98%, 73%
CMY	0.0157, 0.0157, 0.2667
CMYK	0.00, 0.00, 0.25, 0.02
HSL	60°, 89%, 86%
HSV	60°, 25%, 98%
XYZ	83.2505, 93.0914, 60.5944
YIQ	243.7040, 20.5440, -19.9040

Conversions

Conversions Part 2

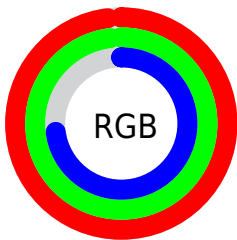
Format	Color
RYB	187, 251, 187
Decimal	16513979
CIELab	97.26, -9.82, 30.78
CIELCh	97, 32.303, 107.689
Yxy	93.0914, 0.3514, 0.3929
Android (android.graphics.Color)	4294704059 (0xFFFFBFBBB)
YUV	243.7040, -27.9551, 6.3986
Hunter-Lab	96.4839, -14.8292, 30.3031

Details

The XYZ color **83.2505, 93.0914, 60.5944** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.6799, 53.0729, 98.5814**, and the grayscale version is **85.9594, 90.4359, 98.4847**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **45.9969, 52.1930, 29.8403** is the 20% darker color. If you saturate the color by 10%, you get **80.7950, 92.1123, 47.6577**, and if you desaturate by 10%, it is **86.1805, 94.2667, 76.0086**.

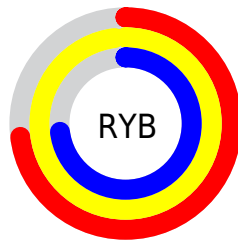
Distribution



Red (98%)

Green (98%)

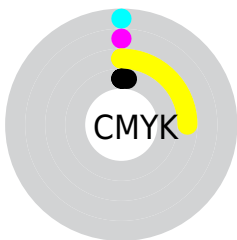
Blue (73%)



Red (73%)

Yellow (98%)

Blue (73%)

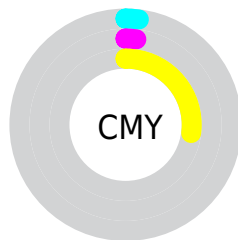


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2505, 93.0914, 60.5944 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 83.2505, 93.0914, 60.5944 by changing the saturation by 10% instead.


 83.2505, 93.0914,
60.5944

 83.2505, 93.0914,
60.5944


494.3923,
538.0366, 444.6506

 62.7144, 70.5475,
43.4695


 136.8530,
151.6251, 107.2432

 45.8680, 51.9730,
29.9195


170.6501,
188.3838, 137.6042

 32.3459, 36.9835,
19.5260


209.5982,
230.6494, 173.2144

 21.7826, 25.1947,
11.8703

254.0628,
278.8064, 214.4921

 13.8130, 16.2222,
6.5340

304.4091,
333.2393, 261.8561

 8.0715, 9.6815,
3.0984


361.0026,


 4.1929, 5.1883,


394.3323, 315.7248


1.1451


424.2085,
462.4700, 376.5168


 1.8119, 2.3582,
0.0000


 0.5248, 0.8042,
0.0000


 83.2505, 93.0914,
60.5944


 83.2505, 93.0914,
60.5944


 80.7950, 92.1123,
47.6577


 86.1805, 94.2667,
76.0086


 78.7825, 91.3072,
37.0639

 89.6005, 95.6348,
94.0137

 77.1885, 90.6696,
28.6746

 92.3354, 96.7289,
108.4117

 75.9838, 90.1875,
22.3345

 92.3362, 96.7293,
108.4117

75.1348, 89.8479,
17.8681

92.3370, 96.7297,
108.4118

74.6027, 89.6349,
15.0705

92.3379, 96.7301,
108.4118

74.3395, 89.5295,
13.6886

92.3387, 96.7305,
108.4118

74.2770, 89.5045,
13.3613

92.3395, 96.7309,
108.4119

92.3403, 96.7314,
108.4119

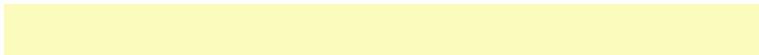
Harmonies

Analogous

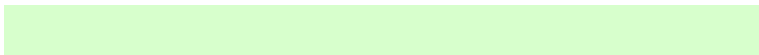
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2784, 93.0914, 59.7316



83.2505, 93.0914, 60.5944



76.1176, 93.0914, 71.1314

Triad

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



83.2505, 93.0914, 60.5944



77.1766, 93.0914, 143.2935



106.7732, 93.0914, 112.4682

Complementary

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



83.2505, 93.0914, 60.5944



55.6799, 53.0729, 98.5814

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.



102.1146, 93.0914, 139.1305



83.2505, 93.0914, 60.5944



84.7884, 93.0914, 158.8741

Square

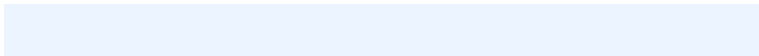
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2505, 93.0914, 60.5944



72.7803, 93.0914, 117.4256



93.9253, 93.0914, 157.2315



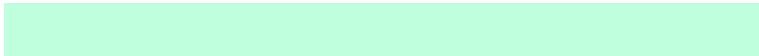
106.2905, 93.0914, 86.8322

Rectangle

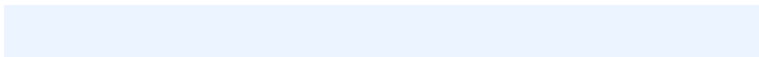
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.2505, 93.0914, 60.5944



73.2064, 93.0914, 83.4393



93.9253, 93.0914, 157.2315



105.7440, 93.0914, 121.6804

Sweetspot

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



83.2529, 93.0956, 60.5964



91.9370, 98.7547, 92.5106



66.5266, 59.6400, 55.0204



19.5611, 21.0907, 19.1843



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

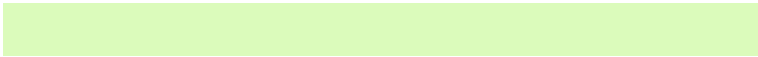
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2529, 93.0956, 60.5964



84.8289, 95.9113, 55.0901



72.6837, 87.6470, 60.1017



18.7273, 20.1907, 18.3726



39.0409, 47.0446, 7.0228



3.6159, 4.3572, 0.6504

Inverse Universe

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



55.6799, 53.0729, 98.5814



51.4603, 47.4762, 101.0593



64.3991, 57.5678, 98.9895



16.2833, 16.6431, 21.7395



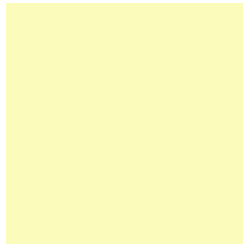
9.1530, 3.6612, 48.1978



0.8478, 0.3391, 4.4640

Previews

White Background



This preview shows how the XYZ color 83.2505, 93.0914, 60.5944 looks on a white background.

Color Contrast Check

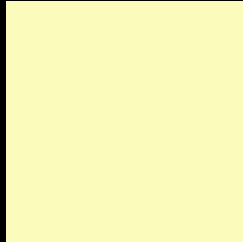
Large Text (above 18pt) WCAG AA × Fail

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 83.2505, 93.0914, 60.5944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

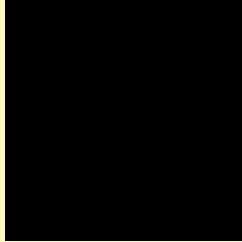
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2505, 93.0914, 60.5944

Background



This preview shows how black text looks on a background with the XYZ color 83.2505, 93.0914, 60.5944.



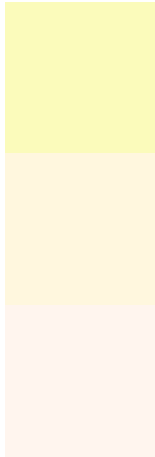
This preview shows how white text looks on a background with the XYZ color 83.2505, 93.0914,

60.5944.

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

83.2505, 93.0914, 60.5944

Protanopia

87.6856, 93.0555, 82.4472

Deuteranopia

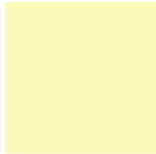
89.3250, 92.7379, 94.0812



Tritanopia

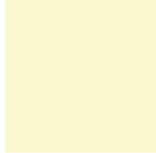
91.6407, 93.1814, 107.7636

Trichromacy



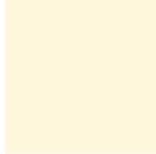
Original Color

83.2505, 93.0914, 60.5944



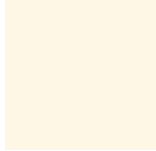
Protanomaly

85.9491, 92.8091, 73.7055



Deuteranomaly

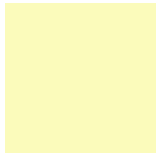
86.9200, 92.7068, 80.3309



Tritanomaly

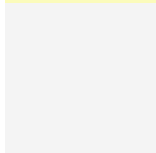
88.4167, 93.3055, 88.2126

Monochromacy



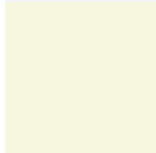
Original Color

83.2505, 93.0914, 60.5944



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.9378, 91.6234, 83.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2505, 93.0914, 60.5944 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(251, 251, 187)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 187)  
}
```

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(251, 251, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 187) }
```

Border

The CSS property to change the border of an element to XYZ 83.2505, 93.0914, 60.5944 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(251, 251, 187) }
```


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

```
.border{ border-color:rgb(251, 251, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 187);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2505, 93.0914, 60.5944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 187) }
```

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

```
.background{ background-color: rgb(251,  
251, 187) }
```

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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