

Converting Colors

XYZ(239.7479, 173.9135,
70.7183)

Have a look what the booklet for
XYZ(239.7479, 173.9135, 70.7183)
contains.

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Color

**XYZ(85.2516, 94.0601,
63.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBC0
RGB	255, 251, 192
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0157, 0.2470
CMYK	0.00, 0.02, 0.25, 0.00
HSL	56°, 100%, 88%
HSV	56°, 25%, 100%
XYZ	85.2516, 94.0601, 63.5314
YIQ	245.4700, 21.3230, -17.5010

Conversions

Conversions Part 2

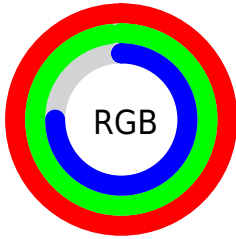
Format	Color
R _Y B	196, 255, 192
Decimal	16776128
CIE Lab	97.66, -7.70, 28.83
CIE LCh	98, 29.845, 104.952
Yxy	94.0601, 0.3511, 0.3873
Android (android.graphics.Color)	4294966208 (0xFFFFFBC0)
YUV	245.4700, -26.3607, 8.3578
Hunter-Lab	96.9846, -12.8176, 29.0503

Details

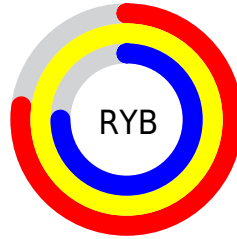
The XYZ color **85.2516, 94.0601, 63.5314** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.5278, 57.9048, 102.6470**, and the grayscale version is **87.3653, 91.9151, 100.0956**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **47.3913, 52.8710, 31.7521** is the 20% darker color. If you saturate the color by 10%, you get **82.1654, 92.0243, 49.7503**, and if you desaturate by 10%, it is **88.8362, 96.3086, 79.8960**.

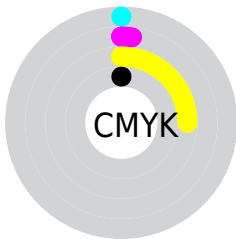
Distribution



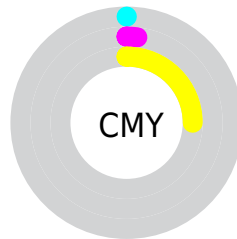
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (77%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2516, 94.0601, 63.5314 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 85.2516, 94.0601, 63.5314 by changing the saturation by 10% instead.


 85.2516, 94.0601,
63.5314

 85.2516, 94.0601,
63.5314

500.9314,
541.1516, 455.6564

 64.3725, 71.3529,
45.8275


 139.6369,
152.9655, 111.5288

 47.2152, 52.6303,
31.7620


173.8737,
189.9324, 142.6593

 33.4145, 37.5077,
20.9165


213.2939,
232.4215, 179.1025

 22.6049, 25.6008,
12.8723

258.2626,
280.8170, 221.2768

 14.4211, 16.5253,
7.2110

309.1454,
335.5034, 269.6008

 8.4978, 9.8966,
3.5140

366.3076,

 4.4696, 5.3304,

396.8650, 324.4930

1.3627

430.1144,
465.2863, 386.3721

■ 1.9711, 2.4424,
0.1124

■ 0.6176, 0.8476,
0.0000

■ 85.2516, 94.0601,
63.5314

■ 85.2516, 94.0601,
63.5314

■ 82.1654, 92.0243,
49.7503

■ 88.8362, 96.3086,
79.8960

■ 79.5457, 90.1787,
38.4139

■ 92.9359, 98.7669,
98.9615

■ 77.3670, 88.5164,
29.3793

95.0500, 100.0000,
108.9000

■ 75.5991, 87.0252,
22.4864

■ 74.2076, 85.6915,
17.5547

■ 73.1526, 84.4992,
14.3741

■ 72.3851, 83.4286,
12.6862

■ 72.0582, 82.8963,
12.2027

Harmonies

Analogous

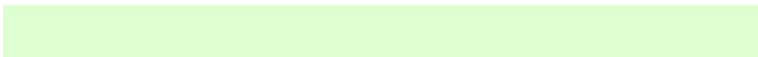
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7110, 94.0601, 63.5463



85.2516, 94.0601, 63.5314



78.3471, 94.0601, 72.7400

Triad

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



85.2516, 94.0601, 63.5314



78.3293, 94.0601, 139.1614



106.1268, 94.0601, 115.0517

Complementary

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



85.2516, 94.0601, 63.5314



59.5278, 57.9048, 102.6470

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.



101.4492, 94.0601, 139.2299



85.2516, 94.0601, 63.5314



85.2258, 94.0601, 154.5777

Square

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



85.2516, 94.0601, 63.5314



74.5261, 94.0601, 114.9693



93.6835, 94.0601, 154.6046



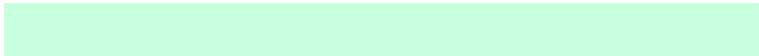
106.1348, 94.0601, 90.8104

Rectangle

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



85.2516, 94.0601, 63.5314



75.4006, 94.0601, 83.8535



93.6835, 94.0601, 154.6046



105.0359, 94.0601, 123.5325

Sweetspot

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



85.2539, 94.0642, 63.5334



91.9481, 98.1833, 94.3408



70.0770, 62.9550, 60.8034



19.6261, 20.9828, 19.9379



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

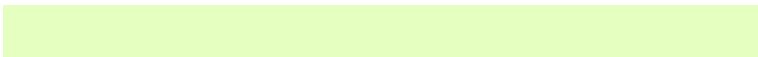
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2539, 94.0642, 63.5334



83.5586, 92.9592, 55.9221



77.1748, 91.7710, 63.5166



19.4568, 20.8818, 19.1494



37.6942, 43.3996, 6.3903



3.6988, 4.2829, 0.6317

Inverse Universe

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



59.5278, 57.9048, 102.6470



53.5307, 50.7556, 101.5832



66.2043, 60.0271, 102.7048



17.0954, 17.5625, 22.7388



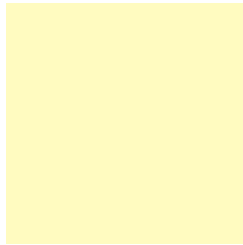
9.5645, 4.0386, 49.7100



0.9622, 0.4551, 4.8504

Previews

White Background



This preview shows how the XYZ color 85.2516, 94.0601, 63.5314 looks on a white background.

Color Contrast Check

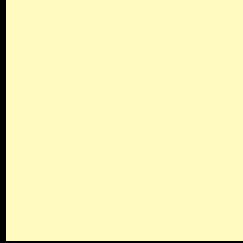
Large Text (above 18pt) WCAG AA × Fail

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 85.2516, 94.0601, 63.5314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

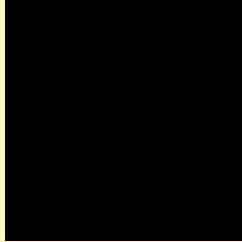
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2516, 94.0601, 63.5314

Background



This preview shows how black text looks on a background with the XYZ color 85.2516, 94.0601, 63.5314.

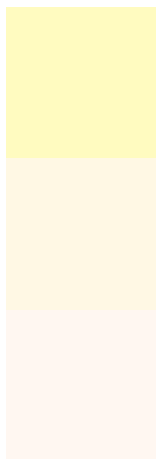


This preview shows how white text looks on a background with the XYZ color 85.2516, 94.0601,

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

85.2516, 94.0601, 63.5314

Protanopia

88.8110, 93.9962, 86.8610

Deuteranopia

90.3779, 94.1324, 96.6250

Tritanopia

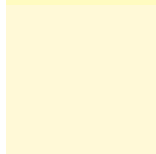
92.0852, 94.3273, 107.1195

Trichromacy



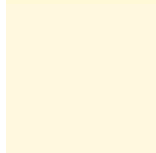
Original Color

85.2516, 94.0601, 63.5314



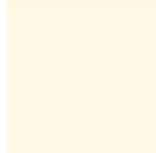
Protanomaly

87.3814, 93.9177, 77.8124



Deuteranomaly

88.1267, 93.7225, 83.2575



Tritanomaly

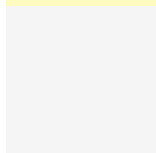
89.2312, 94.1643, 89.0738

Monochromacy



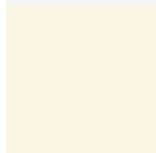
Original Color

85.2516, 94.0601, 63.5314



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

86.0552, 92.1523, 85.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2516, 94.0601, 63.5314 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 192) }
```

Border

The CSS property to change the border of an element to XYZ 85.2516, 94.0601, 63.5314 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, 192) }
```


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

```
.border{ border-color:rgb(255, 251, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2516, 94.0601, 63.5314 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
251, 192) }
```

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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