

Converting Colors

XYZ(96.8361, 100.0000,
65.7641)

Have a look what the booklet for
XYZ(96.8361, 100.0000, 65.7641)
contains.

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Color

**XYZ(85.5875, 94.1945,
65.3002)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBC3
RGB	255, 251, 195
RGB Percent	100%, 98%, 76%
CMY	0.0000, 0.0157, 0.2353
CMYK	0.00, 0.02, 0.24, 0.00
HSL	56°, 100%, 88%
HSV	56°, 24%, 100%
XYZ	85.5875, 94.1945, 65.3002
YIQ	245.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

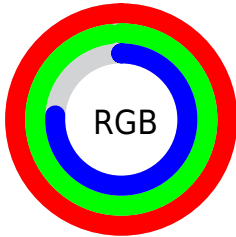
Format	Color
R_{YB}	199, 255, 195
Decimal	16776131
CIE _{Lab}	97.71, -7.30, 27.39
CIE _{LCh}	98, 28.348, 104.925
Y _{xy}	94.1945, 0.3492, 0.3843
Android (android.graphics.Color)	4294966211 (0xFFFFFBC3)
YUV	245.8120, -25.0503, 8.0579
Hunter-Lab	97.0539, -12.4330, 28.0459

Details

The XYZ color **85.5875, 94.1945, 65.3002** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.9787, 59.6673, 102.9108**, and the grayscale version is **87.6320, 92.1957, 100.4011**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **47.6115, 52.9591, 32.9120** is the 20% darker color. If you saturate the color by 10%, you get **82.4200, 92.0861, 51.2142**, and if you desaturate by 10%, it is **89.2567, 96.5176, 81.9849**.

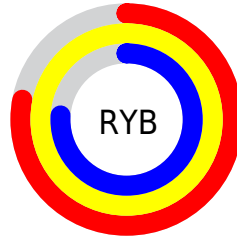
Distribution



Red (100%)

Green (98%)

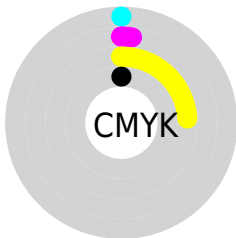
Blue (76%)



Red (78%)

Yellow (100%)

Blue (76%)

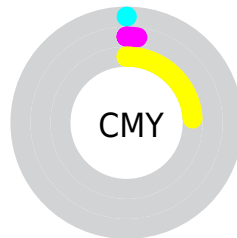


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5875, 94.1945, 65.3002 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 85.5875, 94.1945, 65.3002 by changing the saturation by 10% instead.

 85.5875, 94.1945,
65.3002

 85.5875, 94.1945,
65.3002


502.0245,
541.5830, 462.2057

 64.6511, 71.4647,
47.2517

140.1035,
153.1513, 114.0987

 47.4418, 52.7215,
32.8789


174.4138,
190.1471, 145.6858

 33.5945, 37.5805,
21.7633

213.9127,
232.6671, 182.6228

 22.7437, 25.6573,
13.4864

258.9656,
281.0956, 225.3283

 14.5240, 16.5674,
7.6297

309.9379,
335.8171, 274.2208

 8.5701, 9.9266,
3.7746

367.1949,

 4.5167, 5.3503,

397.2159, 329.7188

1.5025

431.1020,
465.6764, 392.2409

■ 1.9984, 2.4542,
0.2198

■ 0.6331, 0.8536,
0.0000

■ 85.5875, 94.1945,
65.3002

■ 85.5875, 94.1945,
65.3002

■ 82.4200, 92.0861,
51.2142

■ 89.2567, 96.5176,
81.9849

■ 79.7224, 90.1700,
39.5892

■ 93.4441, 99.0524,
101.3846

■ 77.4697, 88.4395,
30.2839

95.0500, 100.0000,
108.9000

■ 75.6320, 86.8825,
23.1402

■ 74.1753, 85.4855,
17.9804

■ 73.0608, 84.2328,
14.5985

■ 72.2405, 83.1053,
12.7436

■ 71.8224, 82.4247,
12.1241

Harmonies

Analogous

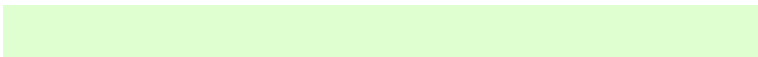
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6304, 94.1945, 65.3226



85.5875, 94.1945, 65.3002



79.0011, 94.1945, 74.1770

Triad

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



85.5875, 94.1945, 65.3002



78.9746, 94.1945, 137.2959



105.3819, 94.1945, 114.5733

Complementary

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



85.5875, 94.1945, 65.3002



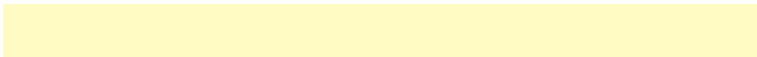
60.9787, 59.6673, 102.9108

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.



100.9531, 94.1945, 137.3962



85.5875, 94.1945, 65.3002



85.5493, 94.1945, 151.7961

Square

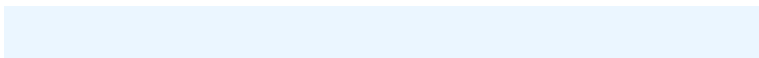
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5875, 94.1945, 65.3002



75.3421, 94.1945, 114.4519



93.5898, 94.1945, 151.8354



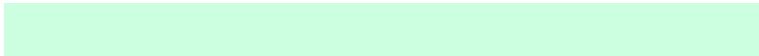
105.3937, 94.1945, 91.5251

Rectangle

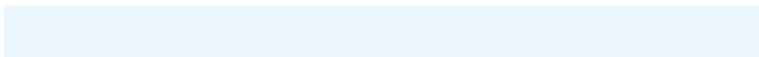
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5875, 94.1945, 65.3002



76.1831, 94.1945, 84.8389



93.5898, 94.1945, 151.8354



104.3491, 94.1945, 122.5954

Sweetspot

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



85.5898, 94.1986, 65.3022



91.9301, 98.1475, 94.3348



71.0647, 64.4148, 62.7219



19.6219, 20.9745, 19.9365



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

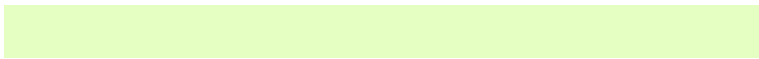
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5898, 94.1986, 65.3022



84.1124, 93.2291, 58.6897



77.9240, 92.1184, 65.3047



19.4516, 20.8714, 19.1477



37.5729, 43.1570, 6.3498



3.6883, 4.2619, 0.6282

Inverse Universe

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



60.9787, 59.6673, 102.9108



55.7801, 53.4782, 101.9901



67.3848, 61.6236, 102.9507



17.1001, 17.5717, 22.7404



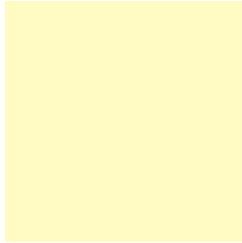
9.5720, 4.0536, 49.7125



0.9644, 0.4594, 4.8511

Previews

White Background



This preview shows how the XYZ color 85.5875, 94.1945, 65.3002 looks on a white background.

Color Contrast Check

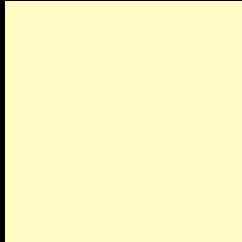
Large Text (above 18pt) WCAG AA × Fail

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 85.5875, 94.1945, 65.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

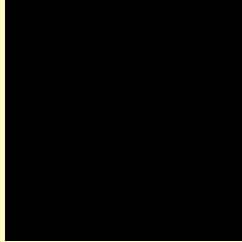
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5875, 94.1945, 65.3002

Background



This preview shows how black text looks on a background with the XYZ color 85.5875, 94.1945, 65.3002.

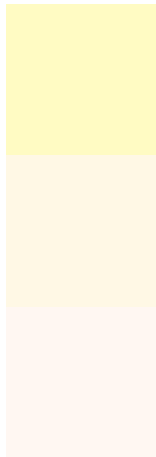


This preview shows how white text looks on a background with the XYZ color 85.5875, 94.1945,

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

85.5875, 94.1945, 65.3002

Protanopia

88.9503, 94.0519, 87.5944

Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

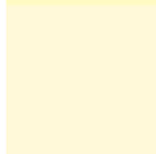
92.0852, 94.3273, 107.1195

Trichromacy



Original Color

85.5875, 94.1945, 65.3002



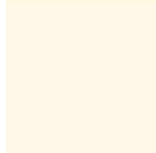
Protanomaly

87.6401, 94.0211, 79.1744



Deuteranomaly

88.3980, 93.8310, 84.6863



Tritanomaly

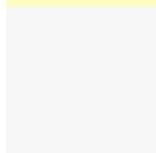
89.5154, 94.2780, 90.5703

Monochromacy



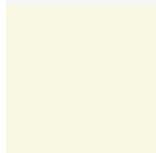
Original Color

85.5875, 94.1945, 65.3002



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.4995, 92.8206, 86.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5875, 94.1945, 65.3002 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 195) }
```

Border

The CSS property to change the border of an element to XYZ 85.5875, 94.1945, 65.3002 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, 195) }
```


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

```
.border{ border-color:rgb(255, 251, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5875, 94.1945, 65.3002 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
251, 195) }
```

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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