

Converting Colors

XYZ(96.1816, 100.0000,
65.6148)

Have a look what the booklet for
XYZ(96.1816, 100.0000, 65.6148)
contains.

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Color

**XYZ(85.9007, 94.8209,
65.4046)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC3
RGB	255, 252, 195
RGB Percent	100%, 99%, 76%
CMY	0.0000, 0.0117, 0.2353
CMYK	0.00, 0.01, 0.24, 0.00
HSL	57°, 100%, 88%
HSV	57°, 24%, 100%
XYZ	85.9007, 94.8209, 65.4046
YIQ	246.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

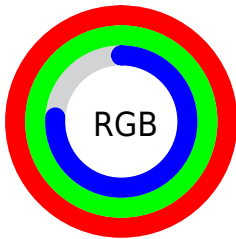
Format	Color
R_{YB}	198, 255, 195
Decimal	16776387
CIE _{Lab}	97.96, -7.80, 27.73
CIE _{LCh}	98, 28.810, 105.702
Yxy	94.8209, 0.3490, 0.3853
Android (android.graphics.Color)	4294966467 (0xFFFFFCC3)
YUV	246.3990, -25.3397, 7.5431
Hunter-Lab	97.3760, -12.9435, 28.3399

Details

The XYZ color **85.9007, 94.8209, 65.4046** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.7494, 59.2087, 102.8343**, and the grayscale version is **88.1098, 92.6984, 100.9486**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **47.8363, 53.4087, 32.9870** is the 20% darker color. If you saturate the color by 10%, you get **82.8629, 92.9718, 51.3618**, and if you desaturate by 10%, it is **89.4382, 96.8806, 82.0454**.

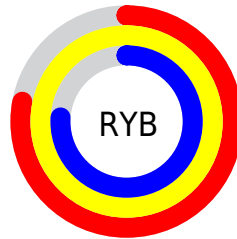
Distribution



Red (100%)

Green (99%)

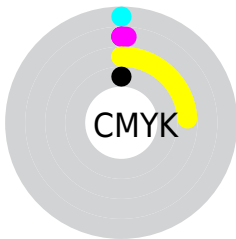
Blue (76%)



Red (78%)

Yellow (100%)

Blue (76%)

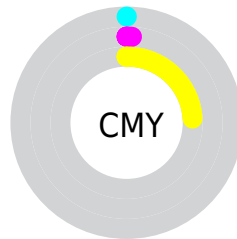


Cyan (0%)

Magenta (1%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9007, 94.8209, 65.4046 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 85.9007, 94.8209, 65.4046 by changing the saturation by 10% instead.


 85.9007, 94.8209,
65.4046

 85.9007, 94.8209,
65.4046

503.0426,
543.5915, 462.5905

 64.9109, 71.9859,
47.3358


140.5385,
154.0171, 114.2502

 47.6532, 53.1472,
32.9450


174.9171,
191.1472, 145.8641

 33.7625, 37.9203,
21.8135


214.4893,
233.8111, 182.8300

 22.8732, 25.9208,
13.5229

259.6206,
282.3932, 225.5667

 14.6201, 16.7644,
7.6547

310.6762,
337.2778, 274.4925

 8.6378, 10.0667,
3.7902

368.0215,

 4.5609, 5.4432,

398.8495, 330.0260

1.5110

432.0218,
467.4926, 392.5858

■ 2.0241, 2.5096,
0.2261

■ 0.6474, 0.8814,
0.0000

■ 85.9007, 94.8209,
65.4046

■ 85.9007, 94.8209,
65.4046

■ 82.8629, 92.9718,
51.3618

■ 89.4382, 96.8806,
82.0454

■ 80.2928, 91.3108,
39.7793

■ 93.4918, 99.1479,
101.4005

■ 78.1656, 89.8313,
30.5159

95.0500, 100.0000,
108.9000

■ 76.4513, 88.5212,
23.4133

■ 75.1161, 87.3669,
18.2940

■ 74.1208, 86.3529,
14.9519

■ 73.4179, 85.4600,
13.1360

■ 73.0746, 84.9291,
12.5415

Harmonies

Analogous

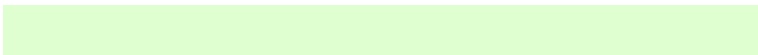
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0978, 94.8209, 65.1925



85.9007, 94.8209, 65.4046



79.2447, 94.8209, 74.6634

Triad

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



85.9007, 94.8209, 65.4046



79.4970, 94.8209, 139.2782



106.3806, 94.8209, 114.8712

Complementary

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



85.9007, 94.8209, 65.4046



60.7494, 59.2087, 102.8343

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.



101.9569, 94.8209, 138.3203



85.9007, 94.8209, 65.4046



86.2645, 94.8209, 153.8009

Square

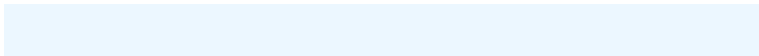
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9007, 94.8209, 65.4046



75.7043, 94.8209, 116.0285



94.4844, 94.8209, 153.4257



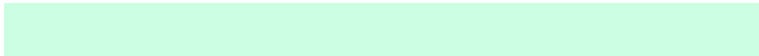
106.2684, 94.8209, 91.4346

Rectangle

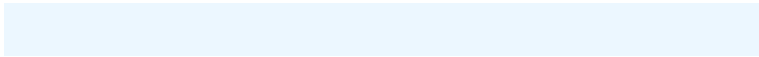
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9007, 94.8209, 65.4046



76.4304, 94.8209, 85.6609



94.4844, 94.8209, 153.4257



105.3636, 94.8209, 123.0818

Sweetspot

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



85.9030, 94.8251, 65.4066



92.0245, 98.3363, 94.3663



70.9489, 64.3685, 62.1123



19.6438, 21.0184, 19.9439



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

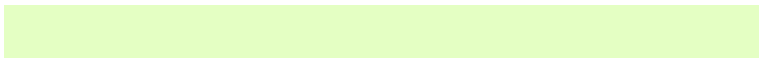
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9030, 94.8251, 65.4066



84.4839, 93.9719, 58.8135



77.6058, 91.9544, 65.2898



19.4790, 20.9262, 19.1568



38.2169, 44.4450, 6.5645



3.7440, 4.3733, 0.6468

Inverse Universe

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



60.7494, 59.2087, 102.8343



55.5263, 52.9707, 101.9056



67.6902, 61.7810, 102.9650



17.0757, 17.5230, 22.7322



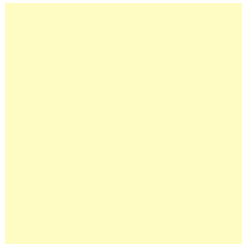
9.5351, 3.9798, 49.7002



0.9528, 0.4364, 4.8473

Previews

White Background



This preview shows how the XYZ color 85.9007, 94.8209, 65.4046 looks on a white background.

Color Contrast Check

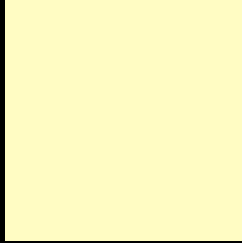
Large Text (above 18pt) WCAG AA × Fail

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 85.9007, 94.8209, 65.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

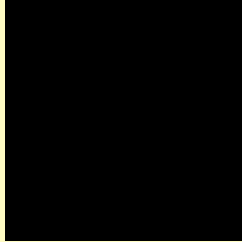
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9007, 94.8209, 65.4046

Background



This preview shows how black text looks on a background with the XYZ color 85.9007, 94.8209, 65.4046.



This preview shows how white text looks on a background with the XYZ color 85.9007, 94.8209,

Color Blindness Simulation

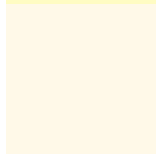
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



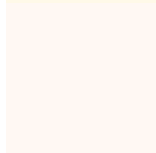
Original Color

85.9007, 94.8209, 65.4046



Protanopia

89.6812, 94.8376, 89.9227



Deuteranopia

90.9851, 94.8659, 98.3095

Tritanopia

92.3902, 94.9373, 107.2212

Trichromacy



Original Color

85.9007, 94.8209, 65.4046

Protanomaly

88.2118, 94.7457, 80.6563

Deuteranomaly

88.8431, 94.5024, 85.5097

Tritanomaly

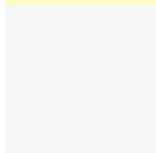
89.8237, 94.8946, 90.6731

Monochromacy



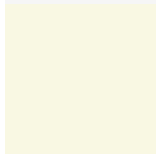
Original Color

85.9007, 94.8209, 65.4046



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 85.9007, 94.8209, 65.4046 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, 252, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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, 252, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 195) }
```

Border

The CSS property to change the border of an element to XYZ 85.9007, 94.8209, 65.4046 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, 252, 195) }
```


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

```
.border{ border-color:rgb(255, 252, 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, 252, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9007, 94.8209, 65.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 195) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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