

Converting Colors

XYZ(95.1481, 99.6020, 61.2718)

Have a look what the booklet for
XYZ(95.1481, 99.6020, 61.2718)
contains.

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Color

**XYZ(85.0200, 94.4687,
60.7669)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFCBB |
| RGB | 255, 252, 187 |
| RGB Percent | 100%, 99%, 73% |
| CMY | 0.0000, 0.0117, 0.2667 |
| CMYK | 0.00, 0.01, 0.27, 0.00 |
| HSL | 57°, 100%, 87% |
| HSV | 57°, 27%, 100% |
| XYZ | 85.0200, 94.4687, 60.7669 |
| YIQ | 245.4870, 22.6530, -19.5790 |

Conversions

Conversions Part 2

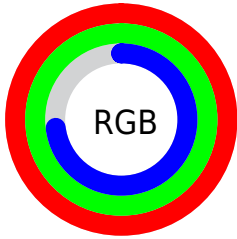
| Format | Color |
|-------------------------------------|--|
| RYB | 190, 255, 187 |
| Decimal | 16776379 |
| CIELab | 97.82, -8.85, 31.58 |
| CIELCh | 98, 32.794, 105.648 |
| Yxy | 94.4687, 0.3539, 0.3932 |
| Android (android.graphics.Color) | 4294966459 (0xFFFFFCBB) |
| YUV | 245.4870, -28.8341, 8.3429 |
| Hunter-Lab | 97.1950, -13.9508, 30.9680 |

Details

The XYZ color **85.0200, 94.4687, 60.7669** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.9566, 54.6101, 102.1466**, and the grayscale version is **87.3977, 91.9492, 100.1327**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **47.2623, 53.1791, 29.9639** is the 20% darker color. If you saturate the color by 10%, you get **82.1784, 92.7729, 47.5266**, and if you desaturate by 10%, it is **88.3532, 96.3710, 76.5648**.

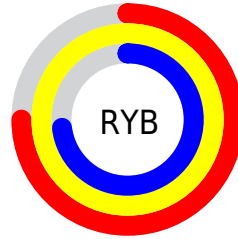
Distribution



Red (100%)

Green (99%)

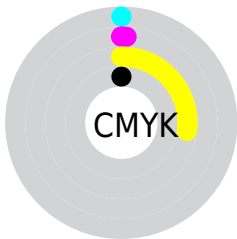
Blue (73%)



Red (75%)

Yellow (100%)

Blue (73%)

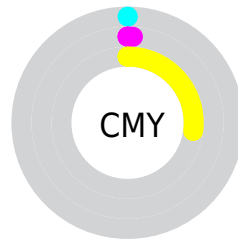


Cyan (0%)

Magenta (1%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0200, 94.4687, 60.7669 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 85.0200, 94.4687, 60.7669 by changing the saturation by 10% instead.


 85.0200, 94.4687,
60.7669

 85.0200, 94.4687,
60.7669


500.1769,
542.4627, 445.3017

 64.1805, 71.6929,
43.6077


 139.3150,
153.5304, 107.4956

 47.0591, 52.9078,
30.0273


173.5012,
190.5850, 137.9022

 33.2905, 37.7292,
19.6071


212.8669,
233.1680, 173.5617

 22.5094, 25.7726,
11.9285

257.7776,
281.6638, 214.8927

 14.3504, 16.6536,
6.5731

308.5986,
336.4568, 262.3136

 8.4481, 9.9878,
3.1222

365.6953,

 4.4372, 5.3909,

397.9313, 316.2431

1.1574

429.4329,
466.4718, 377.0996

■ 1.9523, 2.4784,
0.0000

■ 0.6070, 0.8658,
0.0000

■ 85.0200, 94.4687,
60.7669

■ 85.0200, 94.4687,
60.7669

■ 82.1784, 92.7729,
47.5266

■ 88.3532, 96.3710,
76.5648

■ 79.7956, 91.2607,
36.7028

■ 92.1947, 98.4767,
95.0393

■ 77.8461, 89.9251,
28.1500

95.0500, 100.0000,
108.9000

■ 76.2987, 88.7537,
21.7046

■ 75.1182, 87.7324,
17.1812

■ 74.2633, 86.8446,
14.3621

■ 73.6820, 86.0695,
12.9738

■ 73.5228, 85.8257,
12.6909

Harmonies

Analogous

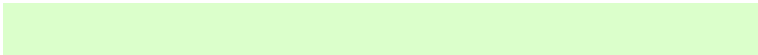
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3271, 94.4687, 60.5544



85.0200, 94.4687, 60.7669



77.5202, 94.4687, 70.8595

Triad

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



85.0200, 94.4687, 60.7669



77.7818, 94.4687, 144.3153



108.3873, 94.4687, 116.1789

Complementary

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



85.0200, 94.4687, 60.7669



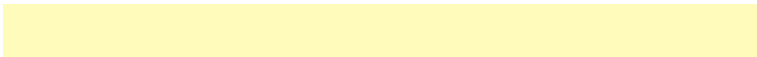
56.9566, 54.6101, 102.1466

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.



103.2900, 94.4687, 143.2833



85.0200, 94.4687, 60.7669



85.4002, 94.4687, 161.3417

Square

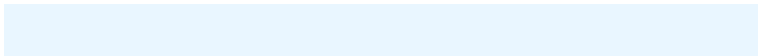
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0200, 94.4687, 60.7669



73.5436, 94.4687, 117.4060



94.7345, 94.4687, 160.9342



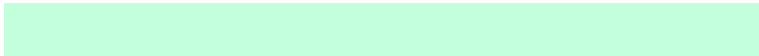
108.2677, 94.4687, 89.5687

Rectangle

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



85.0200, 94.4687, 60.7669



74.3647, 94.4687, 83.0292



94.7345, 94.4687, 160.9342



107.2125, 94.4687, 125.6217

Sweetspot

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



85.0224, 94.4729, 60.7689



91.6518, 98.1834, 92.4153



68.3491, 60.5369, 57.0283



19.4887, 20.9455, 19.1601



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

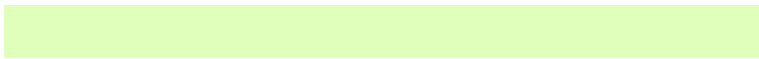
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0224, 94.4729, 60.7689



83.4463, 93.5421, 53.3957



75.5948, 91.0194, 60.5992



19.4887, 20.9455, 19.1601



38.4474, 44.9060, 6.6413



3.7639, 4.4131, 0.6534

Inverse Universe

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



56.9566, 54.6101, 102.1466



51.0928, 47.5911, 101.1009



64.6151, 57.6056, 102.3211



17.0671, 17.5059, 22.7294



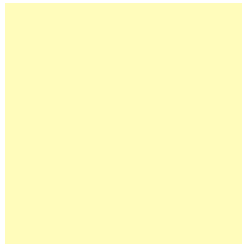
9.5229, 3.9554, 49.6961



0.9488, 0.4282, 4.8459

Previews

White Background



This preview shows how the XYZ color 85.0200, 94.4687, 60.7669 looks on a white background.

Color Contrast Check

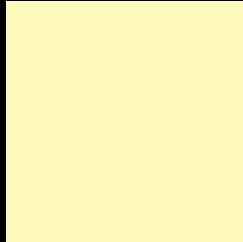
Large Text (above 18pt) WCAG AA × Fail

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 85.0200, 94.4687, 60.7669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

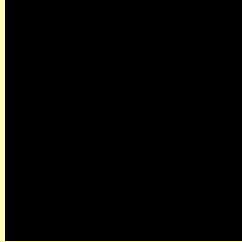
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0200, 94.4687, 60.7669

Background



This preview shows how black text looks on a background with the XYZ color 85.0200, 94.4687, 60.7669.

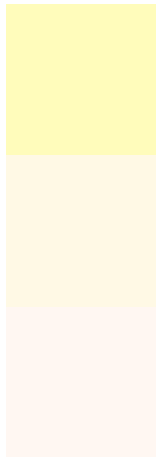


This preview shows how white text looks on a background with the XYZ color 85.0200, 94.4687,

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

85.0200, 94.4687, 60.7669

Protanopia

89.2585, 94.6685, 87.6972

Deuteranopia

90.5278, 94.1923, 97.4140



Tritanopia

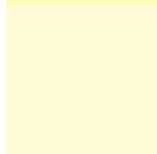
92.0852, 94.3273, 107.1195

Trichromacy



Original Color

85.0200, 94.4687, 60.7669



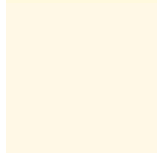
Protanomaly

87.5632, 94.4863, 77.2409



Deuteranomaly

88.3005, 94.2853, 82.6522



Tritanomaly

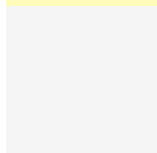
89.0903, 94.1080, 88.3320

Monochromacy



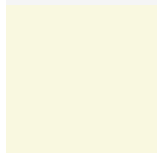
Original Color

85.0200, 94.4687, 60.7669



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

86.0889, 92.6564, 83.8681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0200, 94.4687, 60.7669 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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(255, 252, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 187) }
```

Border

The CSS property to change the border of an element to XYZ 85.0200, 94.4687, 60.7669 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, 187) }
```


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

```
.border{ border-color:rgb(255, 252, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0200, 94.4687, 60.7669 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, 187) }
```

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

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