

Converting Colors

XYZ(107.2181, 105.6703,
63.0000)

Have a look what the booklet for
XYZ(107.2181, 105.6703, 63.0000)
contains.

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Color

**XYZ(85.2357, 94.5549,
61.9026)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFCBD |
| RGB | 255, 252, 189 |
| RGB Percent | 100%, 99%, 74% |
| CMY | 0.0000, 0.0117, 0.2588 |
| CMYK | 0.00, 0.01, 0.26, 0.00 |
| HSL | 57°, 100%, 87% |
| HSV | 57°, 26%, 100% |
| XYZ | 85.2357, 94.5549, 61.9026 |
| YIQ | 245.7150, 22.0110, -18.9570 |

Conversions

Conversions Part 2

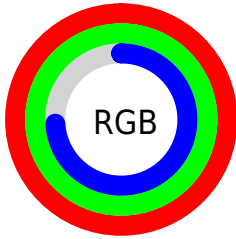
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 192, 255, 189 |
| Decimal | 16776381 |
| CIE Lab | 97.86, -8.59, 30.62 |
| CIE LCh | 98, 31.800, 105.668 |
| Yxy | 94.5549, 0.3527, 0.3912 |
| Android (android.graphics.Color) | 4294966461 (0xFFFFFCBD) |
| YUV | 245.7150, -27.9605, 8.1429 |
| Hunter-Lab | 97.2393, -13.7037, 30.3235 |

Details

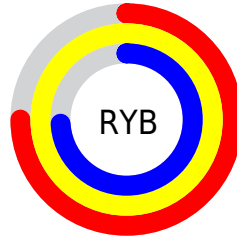
The XYZ color **85.2357, 94.5549, 61.9026** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.8855, 55.7365, 102.3151**, and the grayscale version is **87.5754, 92.1361, 100.3362**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **47.4018, 53.2349, 30.6987** is the 20% darker color. If you saturate the color by 10%, you get **82.3462, 92.8229, 48.4632**, and if you desaturate by 10%, it is **88.6186, 96.4943, 77.9097**.

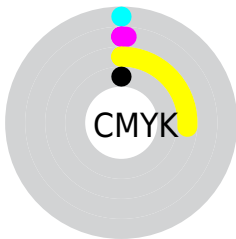
Distribution



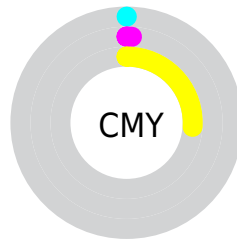
- Red (100%)
- Green (99%)
- Blue (74%)



- Red (75%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2357, 94.5549, 61.9026 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 85.2357, 94.5549, 61.9026 by changing the saturation by 10% instead.


 85.2357, 94.5549,
61.9026

 85.2357, 94.5549,
61.9026


500.8796,
542.7391, 449.5736

 64.3593, 71.7646,
44.5187


 139.6148,
153.6495, 109.1550

 47.2045, 52.9664,
30.7383


173.8481,
190.7226, 139.8606

 33.4060, 37.7759,
20.1429


213.2646,
233.3255, 175.8438

 22.5984, 25.8088,
12.3138

258.2294,
281.8424, 217.5232

 14.4163, 16.6807,
6.8327

309.1079,
336.6578, 265.3173

 8.4944, 10.0071,
3.2808

366.2656,

 4.4673, 5.4037,

398.1561, 319.6448

1.2397

430.0677,
466.7218, 380.9240

■ 1.9698, 2.4860,
0.0116

■ 0.6169, 0.8696,
0.0000

■ 85.2357, 94.5549,
61.9026

■ 85.2357, 94.5549,
61.9026

■ 82.3462, 92.8229,
48.4632

■ 88.6186, 96.4943,
77.9097

■ 79.9179, 91.2757,
37.4515

■ 92.5119, 98.6381,
96.6030

■ 77.9253, 89.9062,
28.7228

95.0500, 100.0000,
108.9000

■ 76.3374, 88.7022,
22.1151

■ 75.1196, 87.6497,
17.4450

■ 74.2310, 86.7325,
14.4979

■ 73.6211, 85.9302,
13.0076

■ 73.4205, 85.6210,
12.6568

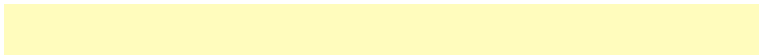
Harmonies

Analogous

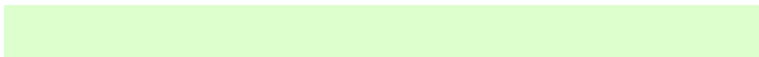
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2661, 94.5549, 61.6879



85.2357, 94.5549, 61.9026



77.9453, 94.5549, 71.7982

Triad

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



85.2357, 94.5549, 61.9026



78.2074, 94.5549, 143.0506



107.8832, 94.5549, 115.8434

Complementary

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



85.2357, 94.5549, 61.9026



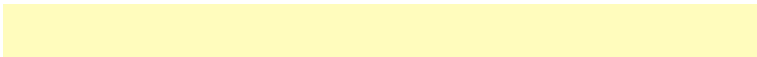
57.8855, 55.7365, 102.3151

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.



102.9563, 94.5549, 142.0267



85.2357, 94.5549, 61.9026



85.6158, 94.5549, 159.4376

Square

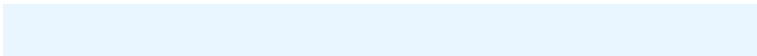
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2357, 94.5549, 61.9026



74.0779, 94.5549, 117.0659



94.6726, 94.5549, 159.0341



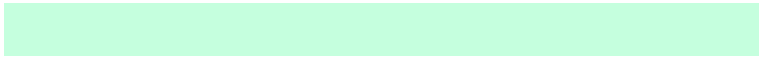
107.7643, 94.5549, 90.0248

Rectangle

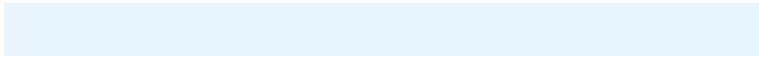
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2357, 94.5549, 61.9026



74.8744, 94.5549, 83.6840



94.6726, 94.5549, 159.0341



106.7485, 94.5549, 124.9765

Sweetspot

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



85.2380, 94.5591, 61.9046



91.6432, 98.1661, 92.4124



68.9860, 61.4753, 58.2748



19.4865, 20.9411, 19.1593



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

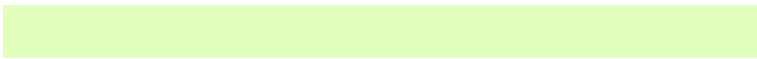
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2380, 94.5591, 61.9046



83.6983, 93.6462, 54.7125



76.0908, 91.2502, 61.7480



19.4865, 20.9411, 19.1593



38.3948, 44.8008, 6.6238



3.7593, 4.4040, 0.6519

Inverse Universe

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



57.8855, 55.7365, 102.3151



52.1709, 48.8996, 101.2966



65.3717, 58.6299, 102.4790



17.0691, 17.5098, 22.7300



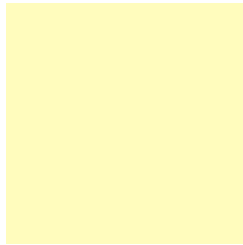
9.5257, 3.9609, 49.6971



0.9497, 0.4301, 4.8462

Previews

White Background



This preview shows how the XYZ color 85.2357, 94.5549, 61.9026 looks on a white background.

Color Contrast Check

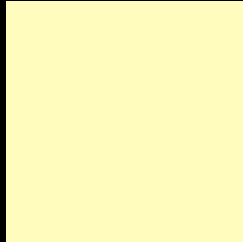
Large Text (above 18pt) WCAG AA × Fail

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 85.2357, 94.5549, 61.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

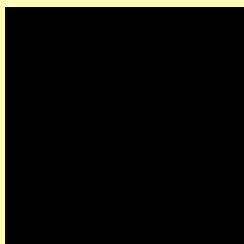
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2357, 94.5549, 61.9026

Background



This preview shows how black text looks on a background with the XYZ color 85.2357, 94.5549, 61.9026.

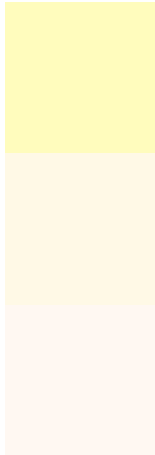


This preview shows how white text looks on a background with the XYZ color 85.2357, 94.5549,

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

85.2357, 94.5549, 61.9026

Protanopia

89.3986, 94.7245, 88.4348

Deuteranopia

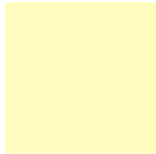
90.8344, 94.8056, 97.5162



Tritanopia

92.0852, 94.3273, 107.1195

Trichromacy



Original Color

85.2357, 94.5549, 61.9026



Protanomaly

87.6913, 94.5375, 77.9157



Deuteranomaly

88.4350, 94.3391, 83.3603



Tritanomaly

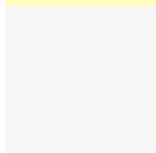
89.0903, 94.1080, 88.3320

Monochromacy



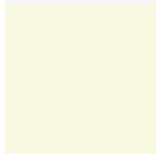
Original Color

85.2357, 94.5549, 61.9026



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.2249, 92.7108, 84.5846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2357, 94.5549, 61.9026 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 189) }
```

Border

The CSS property to change the border of an element to XYZ 85.2357, 94.5549, 61.9026 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, 189) }
```


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

```
.border{ border-color:rgb(255, 252, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2357, 94.5549, 61.9026 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
252, 189) }
```

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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