

Converting Colors

XYZ(99.9722, 100.0000,
69.1262)

Have a look what the booklet for
XYZ(99.9722, 100.0000, 69.1262)
contains.

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Color

**XYZ(85.3500, 92.6118,
68.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C9
RGB	255, 248, 201
RGB Percent	100%, 97%, 79%
CMY	0.0000, 0.0274, 0.2118
CMYK	0.00, 0.03, 0.21, 0.00
HSL	52°, 100%, 89%
HSV	52°, 21%, 100%
XYZ	85.3500, 92.6118, 68.6358
YIQ	244.7350, 19.2590, -13.1330

Conversions

Conversions Part 2

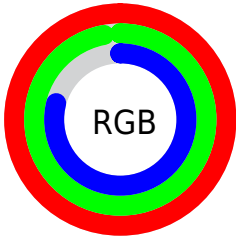
Format	Color
R _Y B	209, 255, 201
Decimal	16775369
CIE Lab	97.07, -4.99, 23.46
CIE LCh	97, 23.987, 102.000
Yxy	92.6118, 0.3461, 0.3756
Android (android.graphics.Color)	4294965449 (0xFFFFF8C9)
YUV	244.7350, -21.5614, 9.0024
Hunter-Lab	96.2350, -10.1012, 25.0783

Details

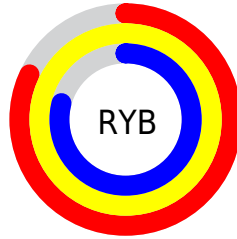
The XYZ color **85.3500, 92.6118, 68.6358** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.6928, 64.7475, 103.6956**, and the grayscale version is **86.7369, 91.2540, 99.3756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4048, 51.8116, 35.1059** is the 20% darker color. If you saturate the color by 10%, you get **81.5901, 89.5005, 53.7916**, and if you desaturate by 10%, it is **89.6303, 95.9662, 86.1126**.

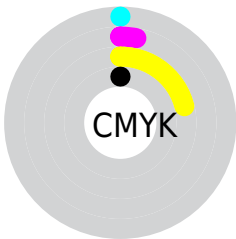
Distribution



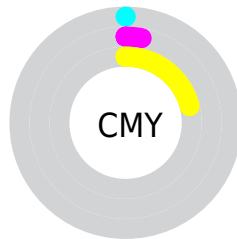
- Red (100%)
- Green (97%)
- Blue (79%)



- Red (82%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3500, 92.6118, 68.6358 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 85.3500, 92.6118, 68.6358 by changing the saturation by 10% instead.


 85.3500, 92.6118,
68.6358

 85.3500, 92.6118,
68.6358


501.2517,
536.4908, 474.4045

 64.4541, 70.1489,
49.9452

139.7736,
150.9610, 118.9240

 47.2816, 51.6479,
34.9990


174.0320,
187.6162, 151.3588

 33.4672, 36.7245,
23.3786


213.4752,
229.7708, 189.2121

 22.6455, 24.9943,
14.6654

258.4686,
277.8094, 232.9023

 14.4512, 16.0728,
8.4409

309.3777,
332.1163, 282.8482

 8.5190, 9.5757,
4.2865

366.5676,

 4.4834, 5.1185,

393.0759, 339.4681

1.7838

430.4039,
461.0726, 403.1807

■ 1.9791, 2.3170,
0.4172

■ 0.6222, 0.7827,
0.0000

■ 85.3500, 92.6118,
68.6358

■ 85.3500, 92.6118,
68.6358

■ 81.5901, 89.5005,
53.7916

■ 89.6303, 95.9662,
86.1126

■ 78.3193, 86.6103,
41.4446

■ 94.4473, 99.5609,
106.3365

■ 75.5131, 83.9342,
31.4567

■ 95.0500, 100.0000,
108.9000

■ 73.1420, 81.4605,
23.6734

■ 71.1733, 79.1758,
17.9222

■ 69.5693, 77.0648,
14.0048

■ 68.2845, 75.1094,
11.6833

■ 67.3541, 73.4881,
10.6347

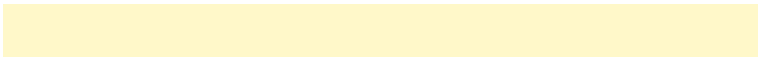
Harmonies

Analogous

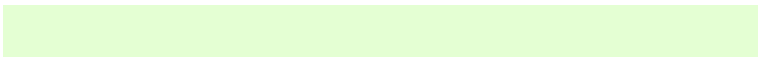
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1023, 92.6118, 69.4189



85.3500, 92.6118, 68.6358



79.6113, 92.6118, 75.6293

Triad

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



85.3500, 92.6118, 68.6358



78.7151, 92.6118, 127.8522



100.9732, 92.6118, 112.7835

Complementary

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



85.3500, 92.6118, 68.6358



64.6928, 64.7475, 103.6956

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.



97.0110, 92.6118, 131.1063



85.3500, 92.6118, 68.6358



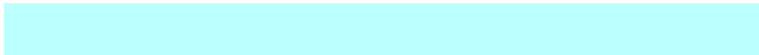
84.0693, 92.6118, 140.5433

Square

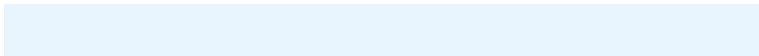
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3500, 92.6118, 68.6358



75.9140, 92.6118, 108.7774



90.7548, 92.6118, 141.8051



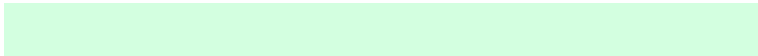
101.3595, 92.6118, 93.2956

Rectangle

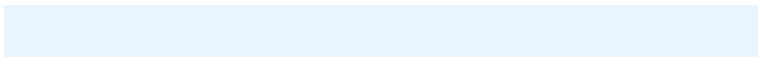
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3500, 92.6118, 68.6358



77.0405, 92.6118, 84.3539



90.7548, 92.6118, 141.8051



100.0063, 92.6118, 119.3420

Sweetspot

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



85.3522, 92.6158, 68.6378



92.0547, 97.7956, 96.2292



73.5372, 67.5983, 68.9767



19.6363, 20.8821, 20.3149



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.



85.3522, 92.6158, 68.6378



83.8538, 91.3972, 62.6564



80.6301, 93.4335, 69.0445



19.3487, 20.6656, 19.1134



35.2724, 38.5560, 5.5830



3.4879, 3.8611, 0.5614

Inverse Universe

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



64.6928, 64.7475, 103.6956



60.1390, 59.4093, 102.9052



68.6955, 64.3353, 103.4050



17.1926, 17.7568, 22.7712



9.7743, 4.4581, 49.7799



1.0079, 0.5466, 4.8656

Previews

White Background



This preview shows how the XYZ color 85.3500, 92.6118, 68.6358 looks on a white background.

Color Contrast Check

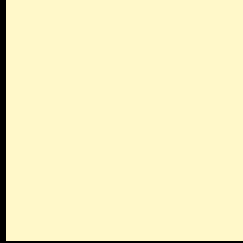
Large Text (above 18pt) WCAG AA × Fail

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 85.3500, 92.6118, 68.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

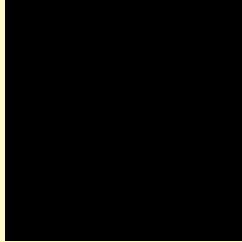
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3500, 92.6118, 68.6358

Background



This preview shows how black text looks on a background with the XYZ color 85.3500, 92.6118, 68.6358.



This preview shows how white text looks on a background with the XYZ color 85.3500, 92.6118,

68.6358.

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

85.3500, 92.6118, 68.6358

Protanopia

87.3806, 92.4455, 82.3455

Deuteranopia

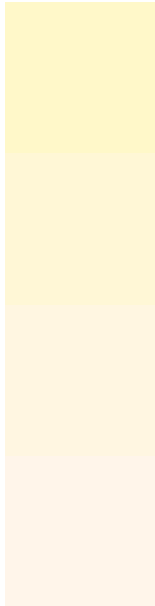
89.4724, 92.7968, 94.8572



Tritanopia

91.0202, 92.4530, 105.9764

Trichromacy



Original Color

85.3500, 92.6118, 68.6358

Protanomaly

86.6384, 92.6366, 76.9326

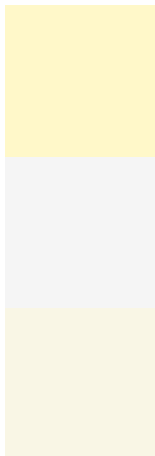
Deuteranomaly

87.7864, 92.6078, 84.4824

Tritanomaly

88.7437, 92.5053, 91.0199

Monochromacy



Original Color

85.3500, 92.6118, 68.6358

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.1655, 91.7084, 87.2888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3500, 92.6118, 68.6358 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, 248, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 201)  
}
```

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, 248, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 201) }
```

Border

The CSS property to change the border of an element to XYZ 85.3500, 92.6118, 68.6358 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, 248, 201) }
```


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

```
.border{ border-color:rgb(255, 248, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 248, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3500, 92.6118, 68.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 201) }
```

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

```
.background{ background-color: rgb(255,  
248, 201) }
```

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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