

Converting Colors

XYZ(85.7628, 94.9163, 68.6850)

Have a look what the booklet for
XYZ(85.7628, 94.9163, 68.6850)
contains.

XYZ(85.6955, 95.1161, 68.4862)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.6955, 95.1161,
68.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFDC8
RGB	252, 253, 200
RGB Percent	99%, 99%, 78%
CMY	0.0118, 0.0078, 0.2157
CMYK	0.00, 0.00, 0.21, 0.01
HSL	61°, 93%, 89%
HSV	61°, 21%, 99%
XYZ	85.6955, 95.1161, 68.4862
YIQ	246.6590, 16.4170, -16.6950

Conversions

Conversions Part 2

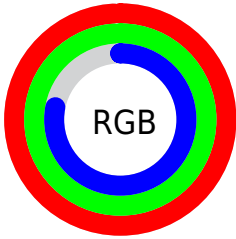
Format	Color
R _Y B	200, 253, 201
Decimal	16580040
CIE Lab	98.08, -8.69, 25.33
CIE LCh	98, 26.779, 108.939
Yxy	95.1161, 0.3437, 0.3815
Android (android.graphics.Color)	4294770120 (0xFFFCFDC8)
YUV	246.6590, -23.0029, 4.6841
Hunter-Lab	97.5275, -13.8286, 26.6343

Details

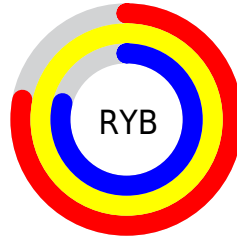
The XYZ color **85.6955, 95.1161, 68.4862** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4749, 60.8204, 101.3805**, and the grayscale version is **88.3048, 92.9035, 101.1719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4339, 53.1573, 34.9545** is the 20% darker color. If you saturate the color by 10%, you get **82.8074, 93.9440, 54.1725**, and if you desaturate by 10%, it is **89.0784, 96.4926, 85.3810**.

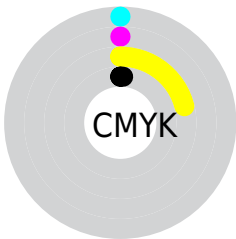
Distribution



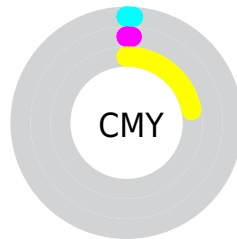
- Red (99%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6955, 95.1161, 68.4862 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 85.6955, 95.1161, 68.4862 by changing the saturation by 10% instead.

 85.6955, 95.1161,
68.4862

 85.6955, 95.1161,
68.4862


502.3757,
544.5366, 473.8615

 64.7406, 72.2316,
49.8242


140.2535,
154.4250, 118.7082

 47.5147, 53.3479,
34.9036


174.5874,
191.6182, 151.1053

 33.6524, 38.0806,
23.3056


214.1116,
234.3497, 188.9179

 22.7883, 26.0452,
14.6119

259.1915,
283.0040, 232.5644

 14.5571, 16.8575,
8.4039

310.1926,
337.9655, 282.4635

 8.5934, 10.1329,
4.2630

367.4800,

 4.5319, 5.4872,

399.6184, 339.0337

1.7707

431.4193,
468.3474, 402.6935

■ 2.0072, 2.5358,
0.4085

■ 0.6380, 0.8945,
0.0000

■ 85.6955, 95.1161,
68.4862

■ 85.6955, 95.1161,
68.4862

■ 82.8074, 93.9440,
54.1725

■ 89.0784, 96.4926,
85.3810

■ 80.3825, 92.9541,
42.3072

■ 92.9711, 98.0698,
104.9687

■ 78.3973, 92.1400,
32.7549

■ 93.8459, 98.4400,
108.6623

■ 76.8231, 91.4905,
25.3646

■ 94.0213, 98.5304,
108.6706

■ 75.6279, 90.9925, 94.1971, 98.6210,
19.9677 108.6788

■ 74.7749, 90.6315, 94.3734, 98.7119,
16.3704 108.6870

■ 74.2199, 90.3898, 94.4173, 98.7345,
14.3404 108.6891

■ 73.9119, 90.2487,
13.5242

Harmonies

Analogous

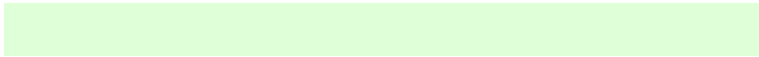
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2684, 95.1161, 67.3509



85.6955, 95.1161, 68.4862



79.7193, 95.1161, 78.1906

Triad

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



85.6955, 95.1161, 68.4862



81.0460, 95.1161, 138.8462



105.6892, 95.1161, 111.8947

Complementary

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



85.6955, 95.1161, 68.4862



62.4749, 60.8204, 101.3805

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.



102.0053, 95.1161, 133.9097



85.6955, 95.1161, 68.4862



87.6008, 95.1161, 150.8737

Square

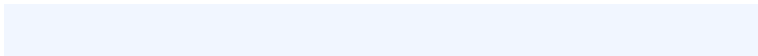
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



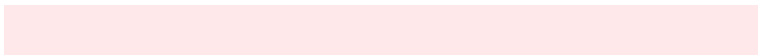
85.6955, 95.1161, 68.4862



77.1418, 95.1161, 117.9097



95.2840, 95.1161, 148.9491



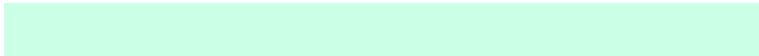
105.1074, 95.1161, 90.4341

Rectangle

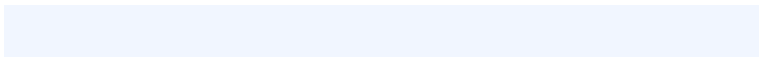
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6955, 95.1161, 68.4862



77.3103, 95.1161, 89.0957



95.2840, 95.1161, 148.9491



104.9007, 95.1161, 119.5223

Sweetspot

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



85.6980, 95.1203, 68.4882



92.5769, 98.9984, 96.4339



71.7959, 66.7740, 63.7496



19.7601, 21.1674, 20.3635



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

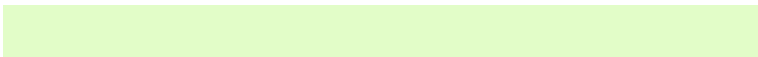
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6980, 95.1203, 68.4882



85.9880, 96.3239, 63.4949



76.7981, 90.5323, 68.0717



19.5251, 21.0721, 19.1826



39.3313, 48.0141, 7.1947



3.8400, 4.6804, 0.7010

Inverse Universe

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



62.4749, 60.8204, 101.3805



58.5901, 55.8573, 102.3012



70.1864, 64.7958, 101.7414



17.0349, 17.3942, 22.7095



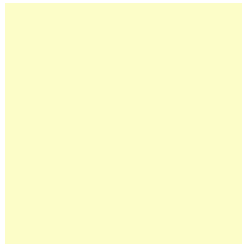
9.4769, 3.7960, 49.6678



0.9335, 0.3751, 4.8365

Previews

White Background



This preview shows how the XYZ color 85.6955, 95.1161, 68.4862 looks on a white background.

Color Contrast Check

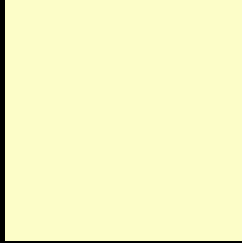
Large Text (above 18pt) WCAG AA × Fail

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 85.6955, 95.1161, 68.4862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

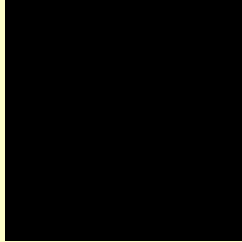
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6955, 95.1161, 68.4862

Background



This preview shows how black text looks on a background with the XYZ color 85.6955, 95.1161, 68.4862.

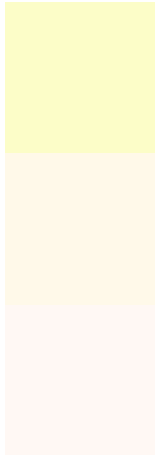


This preview shows how white text looks on a background with the XYZ color 85.6955, 95.1161,

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

85.6955, 95.1161, 68.4862

Protanopia

89.8237, 94.8946, 90.6731

Deuteranopia

91.1365, 94.9265, 99.1072



Tritanopia

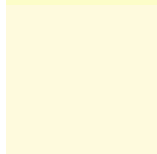
92.1838, 94.8124, 108.0497

Trichromacy



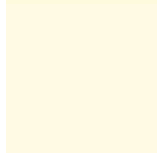
Original Color

85.6955, 95.1161, 68.4862



Protanomaly

88.1098, 94.6625, 82.0344



Deuteranomaly

89.0622, 95.0435, 87.0499



Tritanomaly

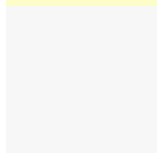
89.3791, 94.6322, 92.1523

Monochromacy



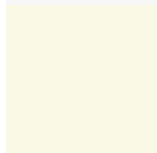
Original Color

85.6955, 95.1161, 68.4862



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.2255, 93.6043, 88.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6955, 95.1161, 68.4862 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(252, 253, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 253, 200)  
}
```

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(252, 253, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 253, 200) }
```

Border

The CSS property to change the border of an element to XYZ 85.6955, 95.1161, 68.4862 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(252, 253, 200) }
```


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

```
.border{ border-color:rgb(252, 253, 200) }
```

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

Here you see how a box with a 4 pixel rgb(252, 253, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 253, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 253, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 253,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6955, 95.1161, 68.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 253, 200) }
```

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

```
.background{ background-color: rgb(252,  
253, 200) }
```

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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