

Converting Colors

XYZ(69.5959, 85.3832, 69.3134)

Have a look what the booklet for
XYZ(69.5959, 85.3832, 69.3134)
contains.

XYZ(69.5937, 85.3795, 69.3118)	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(69.5937, 85.3795,
69.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFACB
RGB	203, 250, 203
RGB Percent	80%, 98%, 80%
CMY	0.2039, 0.0196, 0.2039
CMYK	0.19, 0.00, 0.19, 0.02
HSL	120°, 82%, 89%
HSV	120°, 19%, 98%
XYZ	69.5937, 85.3795, 69.3118
YIQ	230.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

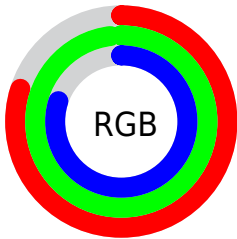
Format	Color
R_{YB}	203, 250, 250
Decimal	13368011
CIE _{Lab}	94.05, -23.68, 17.69
CIE _{LCh}	94, 29.557, 143.240
Yxy	85.3795, 0.3103, 0.3807
Android (android.graphics.Color)	4291558091 (0xFFC _B FAC _B)
YUV	230.5890, -13.6014, -24.1956
Hunter-Lab	92.4010, -27.2609, 20.2061

Details

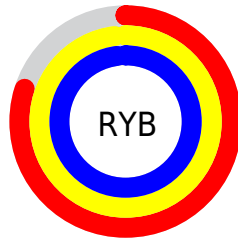
The XYZ color **69.5937, 85.3795, 69.3118** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0386, 69.9399, 99.8330**, and the grayscale version is **75.7568, 79.7021, 86.7956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7075, 46.6058, 35.4949** is the 20% darker color. If you saturate the color by 10%, you get **60.5836, 81.0540, 54.5723**, and if you desaturate by 10%, it is **80.1867, 90.4704, 86.6367**.

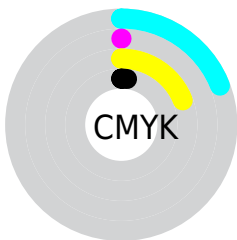
Distribution



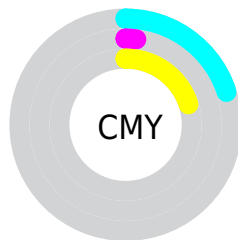
- Red (80%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5937, 85.3795, 69.3118 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 69.5937, 85.3795, 69.3118 by changing the saturation by 10% instead.

69.5937, 85.3795,
69.3118

69.5937, 85.3795,
69.3118

448.4108,
512.8830, 476.8536

51.4738, 64.1550,
50.4923

117.6586,
140.9033, 119.8987

36.8084, 46.7762,
35.4308

148.3343,
175.9713, 152.5032

25.2321, 32.8588,
23.7087

183.9259,
216.4227, 190.5399

16.3797, 22.0183,
14.9075

224.7988,
262.6418, 234.4272

9.8858, 13.8703,
8.6086

271.3184,
315.0129, 284.5836

5.3850, 8.0305,
4.3935

323.8501,

2.5119, 4.1145,

373.9206, 341.4278

1.8436

382.7591,
439.7491, 405.3783

■ 0.9013, 1.7378,
0.4565

■ 0.0000, 0.4480,
0.0000

■ 69.5937, 85.3795,
69.3118

■ 69.5937, 85.3795,
69.3118

■ 60.5836, 81.0540,
54.5723

■ 80.1867, 90.4704,
86.6367

■ 53.0741, 77.4468,
42.2891

■ 92.4262, 96.3496,
106.6565

■ 46.9857, 74.5223,
32.3304

■ 93.4773, 96.8545,
108.3758

■ 42.2289, 72.2373,
24.5498

■ 38.7042, 70.5443,
18.7844

■ 36.2980, 69.3884,
14.8485

■ 34.8757, 68.7052,
12.5219

■ 34.2412, 68.4004,
11.4841

■ 34.1873, 68.3745,
11.3959

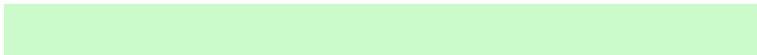
Harmonies

Analogous

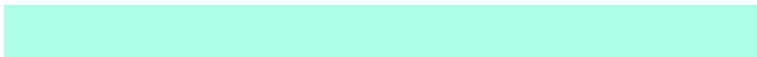
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3106, 85.3795, 58.4847



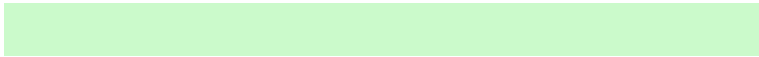
69.5937, 85.3795, 69.3118



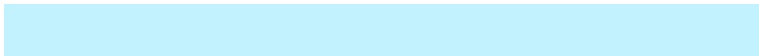
66.9990, 85.3795, 87.9432

Triad

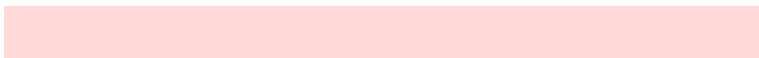
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5937, 85.3795, 69.3118



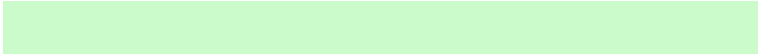
79.3782, 85.3795, 143.1263



95.9031, 85.3795, 76.8526

Complementary

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



69.5937, 85.3795, 69.3118



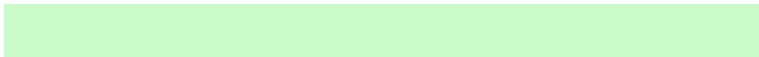
78.0386, 69.9399, 99.8330

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.



97.1667, 85.3795, 98.1718



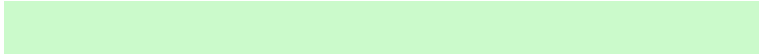
69.5937, 85.3795, 69.3118



87.2850, 85.3795, 138.8714

Square

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



69.5937, 85.3795, 69.3118



72.4063, 85.3795, 132.2955



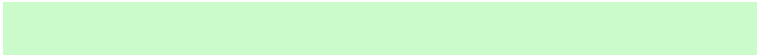
93.9211, 85.3795, 121.4637



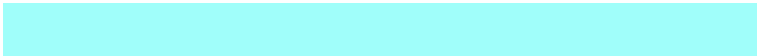
90.5721, 85.3795, 62.3202

Rectangle

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



69.5937, 85.3795, 69.3118



67.2614, 85.3795, 103.2738



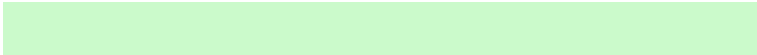
93.9211, 85.3795, 121.4637



96.8313, 85.3795, 83.3638

Sweetspot

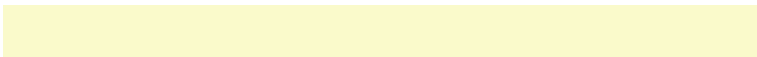
The Sweet Spot groups the original color and five complimentary colors.



69.5960, 85.3831, 69.3137



87.2771, 96.2663, 96.1860



84.3932, 93.0114, 70.0058



18.5080, 20.5219, 20.3049



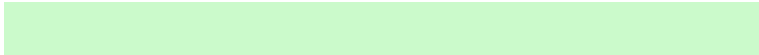
0.0000, 0.0000, 0.0000



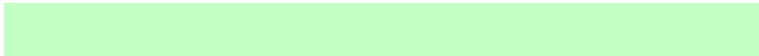
20.3446, 21.4041, 23.3091

Same Dimension

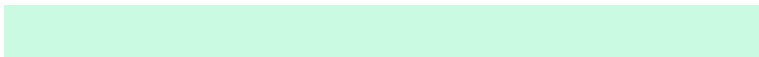
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5960, 85.3831, 69.3137



68.6199, 87.3043, 65.6689



72.6129, 86.5899, 85.2006



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0444



1.6794, 3.3589, 0.5598

Inverse Universe

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



78.0386, 69.9399, 99.8330



79.1088, 68.1179, 103.5857



74.5792, 68.5562, 81.6161



17.9931, 17.5246, 21.8195



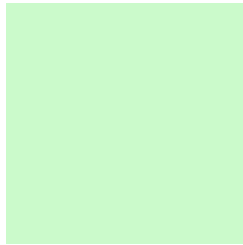
30.0644, 14.4415, 49.1751



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 69.5937, 85.3795, 69.3118 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 69.5937, 85.3795, 69.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

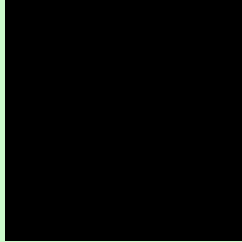
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

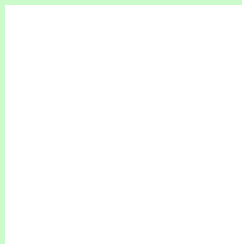
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5937, 85.3795, 69.3118

Background



This preview shows how black text looks on a background with the XYZ color 69.5937, 85.3795, 69.3118.



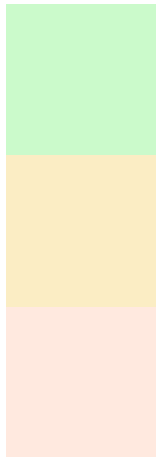
This preview shows how white text looks on a background with the XYZ color 69.5937, 85.3795,

69.3118.

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

69.5937, 85.3795, 69.3118

Protanopia

80.0317, 85.0631, 64.4253

Deuteranopia

83.6982, 84.8655, 81.7814



Tritanopia

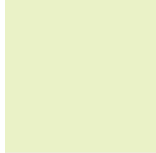
79.0205, 85.3462, 106.9164

Trichromacy



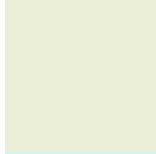
Original Color

69.5937, 85.3795, 69.3118



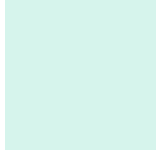
Protanomaly

75.9926, 85.1202, 66.4574



Deuteranomaly

77.8532, 84.5237, 77.1772



Tritanomaly

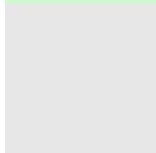
75.2226, 85.0536, 91.8092

Monochromacy



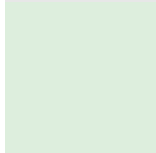
Original Color

69.5937, 85.3795, 69.3118



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.4445, 81.7417, 80.3134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5937, 85.3795, 69.3118 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(203, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 250, 203)  
}
```

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(203, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 250, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.5937, 85.3795, 69.3118 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(203, 250, 203) }
```


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

```
.border{ border-color:rgb(203, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(203, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 250,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5937, 85.3795, 69.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 250, 203) }
```

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

```
.background{ background-color: rgb(203,  
250, 203) }
```

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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