

Converting Colors

XYZ(53.4569, 68.6433, 59.0757)

Have a look what the booklet for
XYZ(53.4569, 68.6433, 59.0757)
contains.

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Color

**XYZ(53.3170, 68.4183,
59.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E6BE
RGB	166, 230, 190
RGB Percent	65%, 90%, 75%
CMY	0.3490, 0.0980, 0.2549
CMYK	0.28, 0.00, 0.17, 0.10
HSL	142°, 56%, 78%
HSV	142°, 28%, 90%
XYZ	53.3170, 68.4183, 59.1112
YIQ	206.3040, -25.3040, -26.0080

Conversions

Conversions Part 2

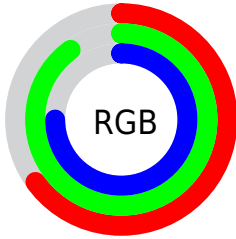
Format	Color
RYB	166, 213, 230
Decimal	10938046
CIELab	86.22, -28.22, 13.08
CIELCh	86, 31.103, 155.135
Yxy	68.4183, 0.2948, 0.3783
Android (android.graphics.Color)	4289128126 (0xFFA6E6BE)
YUV	206.3040, -8.0379, -35.3466
Hunter-Lab	82.7154, -29.6936, 15.5301

Details

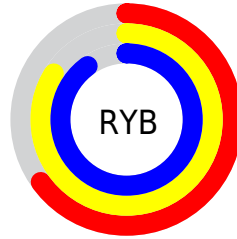
The XYZ color **53.3170, 68.4183, 59.1112** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.4123, 48.5534, 64.7412**, and the grayscale version is **58.9240, 61.9926, 67.5100**.

A 20% lighter version of the original color is **82.5188, 93.7034, 100.9261**, and **26.3335, 35.5230, 29.1356** is the 20% darker color. If you saturate the color by 10%, you get **47.4256, 65.5557, 51.0347**, and if you desaturate by 10%, it is **60.2294, 71.7931, 68.0475**.

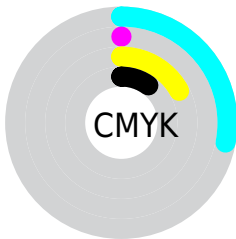
Distribution



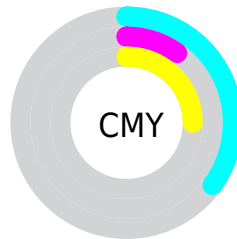
- Red (65%)
- Green (90%)
- Blue (75%)



- Red (65%)
- Yellow (84%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (35%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3170, 68.4183, 59.1112 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 53.3170, 68.4183, 59.1112 by changing the saturation by 10% instead.


 53.3170, 68.4183,
59.1112


 53.3170, 68.4183,
59.1112


389.7411,
454.9767, 439.0272

 38.2844, 50.2381,
42.2820


 94.2335, 116.9504,
105.0700

 26.3817, 35.6026,
28.9950

 120.8480,
148.0710, 135.0367

 17.2436, 24.1275,
18.8315


152.0539,
184.2739, 170.2196

 10.5047, 15.4282,
11.3730

188.2165,
225.9436, 211.0374

 5.7997, 9.1205,
6.2010

229.7012,
273.4642, 257.9085

 2.7631, 4.8198,
2.8969


276.8733,

 1.0298, 2.1419,


327.2204, 311.2515


1.0422


330.0981,
387.5964, 371.4849


 0.0000, 0.6881,
0.0000


 0.0000, 0.0000,
0.0000

 53.3170, 68.4183,
59.1112


 53.3170, 68.4183,
59.1112


 47.4256, 65.5557,
51.0347


 60.2294, 71.7931,
68.0475

 42.4991, 63.1714,
43.7876

 68.2040, 75.6951,
77.8635

 38.4846, 61.2402,
37.3446

 77.2865, 80.1495,
88.5843

 35.3213, 59.7317,
31.6772

 86.4046, 84.6027,
100.1804

■ 32.9407, 58.6109,
26.7550

■ 87.5881, 85.0762,
106.4127

■ 31.2629, 57.8374,
22.5458

■ 30.1795, 57.3560,
19.0136

■ 29.9878, 57.2720,
18.3307

Harmonies

Analogous

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



57.4210, 68.4183, 46.6710



53.3170, 68.4183, 59.1112



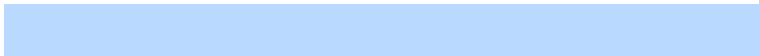
52.2542, 68.4183, 78.0825

Triad

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



53.3170, 68.4183, 59.1112



66.2701, 68.4183, 121.0912



76.9554, 68.4183, 54.0235

Complementary

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



53.3170, 68.4183, 59.1112



57.4123, 48.5534, 64.7412

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.



79.7339, 68.4183, 71.0209



53.3170, 68.4183, 59.1112



73.2821, 68.4183, 111.6322

Square

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



53.3170, 68.4183, 59.1112



59.4087, 68.4183, 116.3195



78.3429, 68.4183, 92.3421



70.9942, 68.4183, 44.1335

Rectangle

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



53.3170, 68.4183, 59.1112



53.3411, 68.4183, 92.5371



78.3429, 68.4183, 92.3421



78.3117, 68.4183, 58.9666

Sweetspot

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



53.3189, 68.4211, 59.1127



85.9536, 95.5400, 98.1120



60.7841, 72.5482, 46.8769



18.0533, 20.2808, 20.5835



0.0000, 0.0000, 0.0000



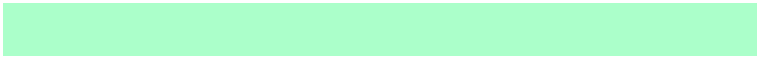
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3189, 68.4211, 59.1127



63.2306, 84.4446, 69.0957



57.1384, 69.9490, 79.2260



14.4117, 16.1781, 16.4330



17.0312, 32.4446, 10.6647



1.3024, 2.4151, 1.0192

Inverse Universe

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



57.4123, 48.5534, 64.7412



69.1540, 55.6809, 77.2297



53.9635, 47.1738, 46.5800



14.7539, 14.5188, 16.9046



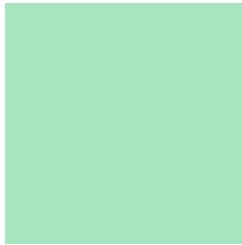
21.3755, 10.6844, 16.1383



1.6243, 0.8074, 1.4279

Previews

White Background



This preview shows how the XYZ color 53.3170, 68.4183, 59.1112 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 53.3170, 68.4183, 59.1112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

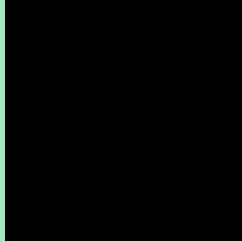
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3170, 68.4183, 59.1112

Background



This preview shows how black text looks on a background with the XYZ color 53.3170, 68.4183, 59.1112.



This preview shows how white text looks on a background with the XYZ color 53.3170, 68.4183,

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

53.3170, 68.4183, 59.1112

Protanopia

63.8541, 67.6393, 53.9462

Deuteranopia

69.1253, 67.6205, 61.0385



Tritanopia

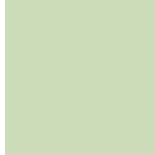
60.1694, 68.3563, 93.2419

Trichromacy



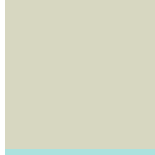
Original Color

53.3170, 68.4183, 59.1112



Protanomaly

59.2520, 67.5266, 55.8100



Deuteranomaly

61.9504, 66.8982, 60.0996



Tritanomaly

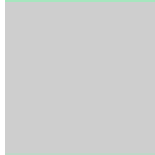
57.3944, 68.4373, 79.2920

Monochromacy



Original Color

53.3170, 68.4183, 59.1112



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.2116, 63.8474, 64.0047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3170, 68.4183, 59.1112 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(166, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 190)  
}
```

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(166, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.3170, 68.4183, 59.1112 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(166, 230, 190) }
```


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

```
.border{ border-color:rgb(166, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 230,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3170, 68.4183, 59.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 230, 190) }
```

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

```
.background{ background-color: rgb(166,  
230, 190) }
```

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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