

Converting Colors

XYZ(58.9917, 70.3254, 68.1135)

Have a look what the booklet for
XYZ(58.9917, 70.3254, 68.1135)
contains.

XYZ(59.0125, 70.3337, 68.2231)	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(59.0125, 70.3337,
68.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE4CD
RGB	186, 228, 205
RGB Percent	73%, 89%, 80%
CMY	0.2706, 0.1059, 0.1961
CMYK	0.18, 0.00, 0.10, 0.11
HSL	147°, 44%, 81%
HSV	147°, 18%, 89%
XYZ	59.0125, 70.3337, 68.2231
YIQ	212.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

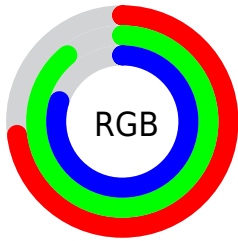
Format	Color
RYB	186, 215, 228
Decimal	12248269
CIELab	87.16, -18.10, 6.72
CIELCh	87, 19.312, 159.632
Yxy	70.3337, 0.2987, 0.3560
Android (android.graphics.Color)	4290438349 (0xFFBAE4CD)
YUV	212.8200, -3.8553, -23.5211
Hunter-Lab	83.8652, -21.1609, 10.4741

Details

The XYZ color **59.0125, 70.3337, 68.2231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.0649, 56.2169, 67.9570**, and the grayscale version is **63.1605, 66.4498, 72.3638**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.8542, 36.6449, 34.7779** is the 20% darker color. If you saturate the color by 10%, you get **52.4618, 67.1259, 60.3605**, and if you desaturate by 10%, it is **66.5713, 74.0511, 76.7638**.

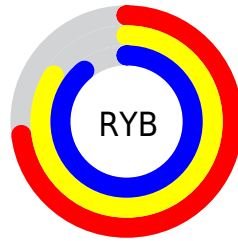
Distribution



Red (73%)

Green (89%)

Blue (80%)



Red (73%)

Yellow (84%)

Blue (89%)

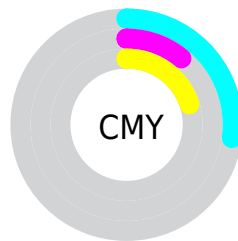


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0125, 70.3337, 68.2231 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 59.0125, 70.3337, 68.2231 by changing the saturation by 10% instead.

■ 59.0125, 70.3337,
68.2231

■ 59.0125, 70.3337,
68.2231

410.8415,
461.7208, 472.9056

■ 42.8696, 51.7986,
49.6114

■ 102.5104,
119.6845, 118.3285

■ 29.9769, 36.8446,
34.7357

130.5960,
151.2690, 150.6593

■ 19.9690, 25.0872,
23.1775

163.3933,
187.9722, 188.4002

■ 12.4807, 16.1420,
14.5181

201.2676,
230.1783, 231.9698

■ 7.1464, 9.6247,
8.3390

244.5842,
278.2719, 281.7866

■ 3.6010, 5.1508,
4.2218


293.7085,

■ 1.4790, 2.3360,


332.6372, 338.2691


1.7478

349.0058,
393.6587, 401.8359

 0.3115, 0.7927,
0.3932


 0.0000, 0.0000,
0.0000


 59.0125, 70.3337,
68.2231


 59.0125, 70.3337,
68.2231


 52.4618, 67.1259,
60.3605


 66.5713, 74.0511,
76.7638


 46.8687, 64.3963,
53.1547

 75.1740, 78.2906,
85.9941

 42.1870, 62.1232,
46.5899

 84.8619, 83.0750,
95.9308

 38.3643, 60.2801,
40.6479

 87.0264, 83.9662,
106.1845

■ 35.3425, 58.8373,
35.3096

■ 87.0348, 83.9695,
106.2283

■ 33.0557, 57.7613,
30.5548

■ 31.4270, 57.0128,
26.3619

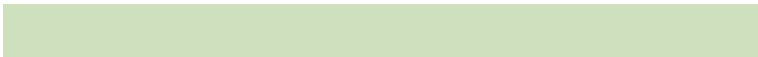
■ 30.3452, 56.5349,
22.7069

■ 30.1999, 56.4716,
22.1768

Harmonies

Analogous

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



61.4468, 70.3337, 58.9314



59.0125, 70.3337, 68.2231



58.6252, 70.3337, 80.8313

Triad

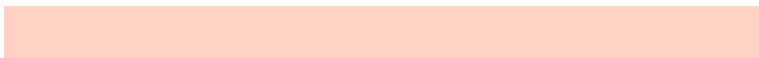
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.0125, 70.3337, 68.2231



68.3180, 70.3337, 103.9016



73.7852, 70.3337, 61.7467

Complementary

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



59.0125, 70.3337, 68.2231



61.0649, 56.2169, 67.9570

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.



75.8104, 70.3337, 72.4832



59.0125, 70.3337, 68.2231



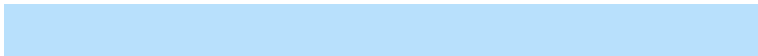
72.5611, 70.3337, 97.4446

Square

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



59.0125, 70.3337, 68.2231



63.8641, 70.3337, 102.4280



75.3526, 70.3337, 85.5960



69.9277, 70.3337, 55.4956

Rectangle

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



59.0125, 70.3337, 68.2231



59.5612, 70.3337, 89.5888



75.3526, 70.3337, 85.5960



74.7105, 70.3337, 64.8983

Sweetspot

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



59.0145, 70.3366, 68.2247



88.3235, 96.6848, 101.6962



62.9316, 72.6051, 57.1525



18.7546, 20.6205, 21.6036



0.0000, 0.0000, 0.0000



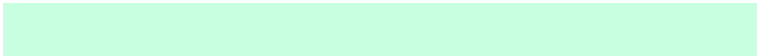
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0145, 70.3366, 68.2247



72.7788, 89.0453, 84.0697



61.7092, 71.4145, 82.4150



14.4590, 16.1970, 16.6819



17.4957, 32.6304, 13.1107



1.3392, 2.4298, 1.2127

Inverse Universe

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



61.0649, 56.2169, 67.9570



75.8705, 67.7529, 83.6645



58.6437, 55.2484, 55.2075



14.7056, 14.4994, 16.6499



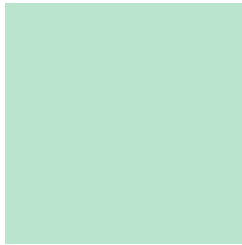
20.6681, 10.4015, 12.4131



1.5740, 0.7873, 1.1632

Previews

White Background



This preview shows how the XYZ color 59.0125, 70.3337, 68.2231 looks on a white background.

Color Contrast Check

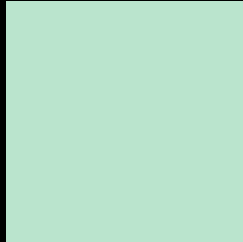
Large Text (above 18pt) WCAG AA × Fail

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 59.0125, 70.3337, 68.2231 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

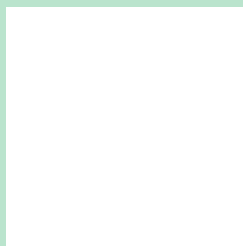
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0125, 70.3337, 68.2231

Background



This preview shows how black text looks on a background with the XYZ color 59.0125, 70.3337, 68.2231.

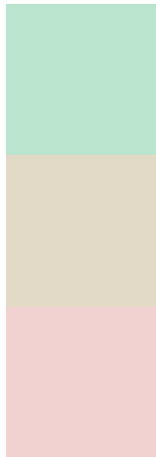


This preview shows how white text looks on a background with the XYZ color 59.0125, 70.3337,

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

59.0125, 70.3337, 68.2231

Protanopia

66.4857, 69.9180, 64.0242

Deuteranopia

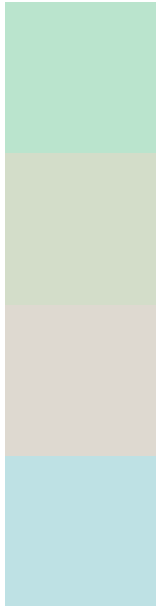
71.1732, 69.5739, 69.9995



Tritanopia

64.0031, 70.3327, 93.4213

Trichromacy



Original Color

59.0125, 70.3337, 68.2231

Protanomaly

63.2630, 69.7788, 65.3927

Deuteranomaly

66.3222, 69.7094, 69.6342

Tritanomaly

62.1640, 70.3990, 83.7108

Monochromacy



Original Color

59.0125, 70.3337, 68.2231

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.3329, 67.4925, 70.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0125, 70.3337, 68.2231 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(186, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 205)  
}
```

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(186, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.0125, 70.3337, 68.2231 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(186, 228, 205) }
```


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

```
.border{ border-color:rgb(186, 228, 205) }
```

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

Here you see how a box with a 4 pixel rgb(186, 228, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 228,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0125, 70.3337, 68.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 205) }
```

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

```
.background{ background-color: rgb(186,  
228, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor