

Converting Colors

XYZ(50.3346, 58.9471, 65.1233)

Have a look what the booklet for
XYZ(50.3346, 58.9471, 65.1233)
contains.

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Color

**XYZ(50.4036, 58.9510,
65.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD2CB
RGB	170, 210, 203
RGB Percent	67%, 82%, 80%
CMY	0.3333, 0.1765, 0.2039
CMYK	0.19, 0.00, 0.03, 0.18
HSL	169°, 31%, 75%
HSV	169°, 19%, 82%
XYZ	50.4036, 58.9510, 65.2220
YIQ	197.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

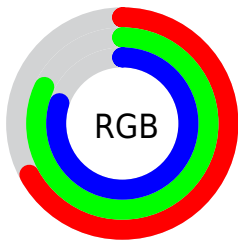
Format	Color
RYB	170, 192, 210
Decimal	11195083
CIELab	81.26, -14.53, -0.90
CIELCh	81, 14.561, 183.528
Yxy	58.9510, 0.2887, 0.3377
Android (android.graphics.Color)	4289385163 (0xFFAAD2CB)
YUV	197.2420, 2.8387, -23.8912
Hunter-Lab	76.7796, -17.1840, 3.3806

Details

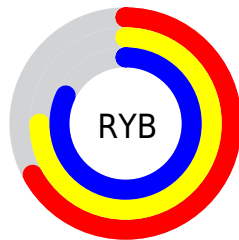
The XYZ color **50.4036, 58.9510, 65.2220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8909, 45.6269, 47.8275**, and the grayscale version is **53.2112, 55.9823, 60.9647**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **24.4823, 29.3945, 32.8171** is the 20% darker color. If you saturate the color by 10%, you get **45.7889, 56.6237, 62.7471**, and if you desaturate by 10%, it is **55.7572, 61.6612, 67.7883**.

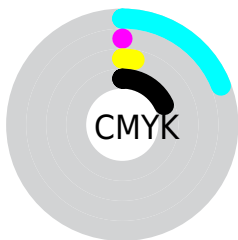
Distribution



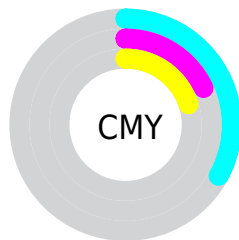
- Red (67%)
- Green (82%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4036, 58.9510, 65.2220 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 50.4036, 58.9510, 65.2220 by changing the saturation by 10% instead.


 50.4036, 58.9510,
65.2220

 50.4036, 58.9510,
65.2220


378.6681,
420.7203, 461.9173

 35.9533, 42.5737,
47.1886


 89.9608, 103.3064,
113.9853

 24.5681, 29.5508,
32.8294


115.7985,
132.0534, 145.5523

 15.8826, 19.4979,
21.7257


146.1626,
165.6922, 182.4676

 9.5314, 12.0306,
13.4591

181.4186,
204.6075, 225.1497

 5.1493, 6.7645,
7.6110

221.9318,
249.1836, 274.0172

 2.3708, 3.3153,
3.7629

268.0675,

 0.8305, 1.2985,

299.8048, 329.4886

1.4962

320.1912,
356.8556, 391.9825

■ 0.0000, 0.1400,
0.2151

■ 0.0000, 0.0000,
0.0000

■ 50.4036, 58.9510,
65.2220

■ 50.4036, 58.9510,
65.2220

■ 45.7889, 56.6237,
62.7471

■ 55.7572, 61.6612,
67.7883

■ 41.8737, 54.6541,
60.3575

■ 61.8769, 64.7636,
70.4437

■ 38.6225, 53.0257,
58.0525

■ 68.7945, 68.2761,
73.1915

■ 35.9945, 51.7174,
55.8298

■ 76.5386, 72.2134,
76.0333

■ 33.9445, 50.7059,
53.6869

■ 77.3899, 72.5962,
78.6082

■ 32.4210, 49.9646,
51.6209

■ 77.8864, 72.7948,
81.2225

■ 31.3634, 49.4624,
49.6288

■ 78.3937, 72.9977,
83.8938

■ 30.6728, 49.1483,
47.7054

■ 78.9118, 73.2050,
86.6222

■ 30.6138, 49.1218,
47.5253

■ 79.4409, 73.4166,
89.4083

Harmonies

Analogous

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



50.9658, 58.9510, 57.0190



50.4036, 58.9510, 65.2220



51.3038, 58.9510, 73.8730

Triad

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



50.4036, 58.9510, 65.2220



59.3182, 58.9510, 79.1593



58.6742, 58.9510, 50.3535

Complementary

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



50.4036, 58.9510, 65.2220



48.8909, 45.6269, 47.8275

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.



61.0403, 58.9510, 55.3881



50.4036, 58.9510, 65.2220



61.4215, 58.9510, 71.9332

Square

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



50.4036, 58.9510, 65.2220



56.3912, 58.9510, 82.3645



62.0627, 58.9510, 63.1642



55.6727, 58.9510, 48.9034

Rectangle

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



50.4036, 58.9510, 65.2220



52.6318, 58.9510, 78.5940



62.0627, 58.9510, 63.1642



59.5738, 58.9510, 51.6589

Sweetspot

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



50.4053, 58.9534, 65.2233



89.2151, 97.0415, 106.3916



48.5115, 58.3842, 46.7436



18.9655, 20.7049, 22.7144



0.0000, 0.0000, 0.0000



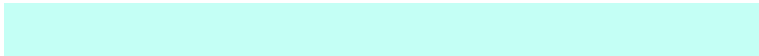
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4053, 58.9534, 65.2233



75.0567, 89.8790, 99.5649



48.2542, 53.2853, 68.7174



12.0658, 13.3701, 14.7031



18.7064, 29.9755, 29.1637



1.0699, 1.6856, 1.7566

Inverse Universe

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



48.8909, 45.6269, 47.8275



72.2747, 65.3842, 67.5976



50.7008, 50.3353, 45.0746



11.8920, 11.8415, 12.7072



16.4399, 8.4488, 1.9569



0.9456, 0.4830, 0.2485

Previews

White Background



This preview shows how the XYZ color 50.4036, 58.9510, 65.2220 looks on a white background.

Color Contrast Check

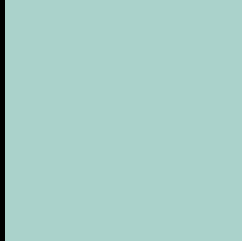
Large Text (above 18pt) WCAG AA × Fail

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 50.4036, 58.9510, 65.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

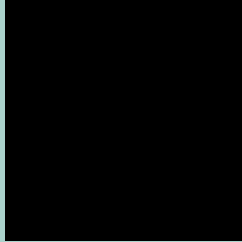
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4036, 58.9510, 65.2220

Background



This preview shows how black text looks on a background with the XYZ color 50.4036, 58.9510, 65.2220.

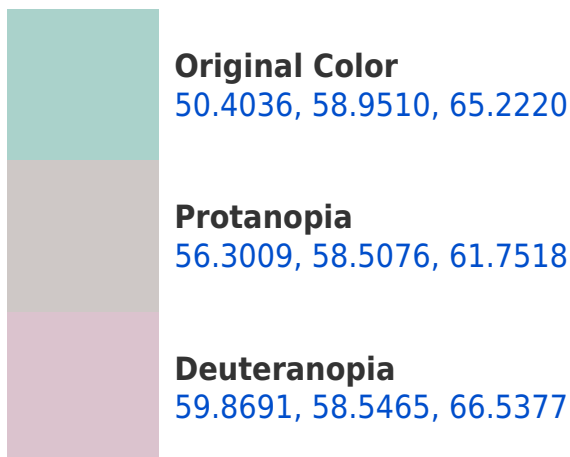


This preview shows how white text looks on a background with the XYZ color 50.4036, 58.9510,

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





Tritanopia

53.0877, 58.9520, 78.3929

Trichromacy



Original Color

50.4036, 58.9510, 65.2220

Protanomaly

54.0105, 58.6933, 63.1259

Deuteranomaly

55.7611, 58.1338, 66.0396

Tritanomaly

52.1841, 58.9539, 73.5946

Monochromacy



Original Color

50.4036, 58.9510, 65.2220

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.9228, 56.9294, 62.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4036, 58.9510, 65.2220 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(170, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 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(170, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 203) }
```

Border

The CSS property to change the border of an element to XYZ 50.4036, 58.9510, 65.2220 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(170, 210, 203) }
```


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

```
.border{ border-color:rgb(170, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4036, 58.9510, 65.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 210, 203) }
```

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

```
.background{ background-color: rgb(170,  
210, 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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