

Converting Colors

XYZ(49.1386, 58.4450, 58.5603)

Have a look what the booklet for
XYZ(49.1386, 58.4450, 58.5603)
contains.

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Color

**XYZ(49.1386, 58.4450,
58.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD2C0
RGB	170, 210, 192
RGB Percent	67%, 82%, 75%
CMY	0.3333, 0.1765, 0.2471
CMYK	0.19, 0.00, 0.09, 0.18
HSL	153°, 31%, 75%
HSV	153°, 19%, 82%
XYZ	49.1386, 58.4450, 58.5603
YIQ	195.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

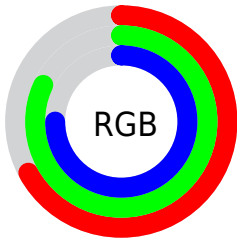
Format	Color
RYB	170, 196, 210
Decimal	11195072
CIELab	80.99, -16.75, 4.57
CIELCh	81, 17.358, 164.735
Yxy	58.4450, 0.2958, 0.3518
Android (android.graphics.Color)	4289385152 (0xFFAAD2C0)
YUV	195.9880, -1.9661, -22.7915
Hunter-Lab	76.4493, -19.0536, 8.0983

Details

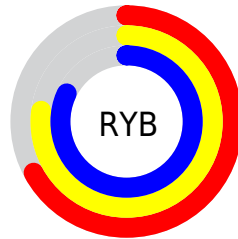
The XYZ color **49.1386, 58.4450, 58.5603** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0323, 46.0835, 53.8376**, and the grayscale version is **52.4827, 55.2158, 60.1300**.

A 20% lighter version of the original color is **84.0673, 94.4661, 102.6099**, and **23.7177, 29.0887, 28.7907** is the 20% darker color. If you saturate the color by 10%, you get **43.9429, 55.8852, 53.0257**, and if you desaturate by 10%, it is **55.1301, 61.4104, 64.4856**.

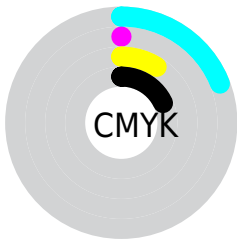
Distribution



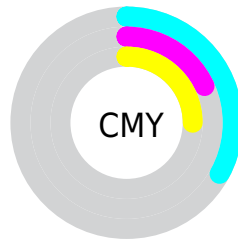
- Red (67%)
- Green (82%)
- Blue (75%)



- Red (67%)
- Yellow (77%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1386, 58.4450, 58.5603 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 49.1386, 58.4450, 58.5603 by changing the saturation by 10% instead.


 49.1386, 58.4450,
58.5603

 49.1386, 58.4450,
58.5603


373.7956,
418.8421, 436.9269

 34.9444, 42.1665,
41.8416


 88.0968, 102.5706,
104.2612

 23.7864, 29.2317,
28.6526


113.5914,
131.1865, 134.0804

 15.2991, 19.2562,
18.5749

143.5837,
164.6836, 169.1035

 9.1173, 11.8555,
11.1898

178.4388,
203.4464, 209.7491

 4.8755, 6.6454,
6.0789

218.5223,
247.8593, 256.4357

 2.2084, 3.2413,
2.8235

264.1993,

 0.7472, 1.2590,

298.3066, 309.5819

1.0053

315.8353,
355.1727, 369.6061

■ 0.0000, 0.1091,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.1386, 58.4450,
58.5603

■ 49.1386, 58.4450,
58.5603

■ 43.9429, 55.8852,
53.0257

■ 55.1301, 61.4104,
64.4856

■ 39.5024, 53.7056,
47.8699

■ 61.9456, 64.7911,
70.8058

■ 35.7803, 51.8888,
43.0854

■ 69.6183, 68.6056,
77.5297

■ 32.7346, 50.4135,
38.6636

■ 78.1777, 72.8691,
84.6648

■ 30.3189, 49.2557,
34.5949

■ 79.9057, 73.6025,
91.8557

■ 28.4803, 48.3884,
30.8696

■ 81.3410, 74.1767,
99.4143

■ 27.1568, 47.7798,
27.4771

■ 82.3377, 74.5754,
104.6626

■ 26.2480, 47.3784,
24.4047

■ 26.1707, 47.3446,
24.1281

Harmonies

Analogous

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



50.8210, 58.4450, 50.5716



49.1386, 58.4450, 58.5603



49.1233, 58.4450, 68.8113

Triad

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



49.1386, 58.4450, 58.5603



57.3288, 58.4450, 84.7906



60.6121, 58.4450, 50.6831

Complementary

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



49.1386, 58.4450, 58.5603



50.0323, 46.0835, 53.8376

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.



62.5146, 58.4450, 58.7282



49.1386, 58.4450, 58.5603



60.5641, 58.4450, 78.7779

Square

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



49.1386, 58.4450, 58.5603



53.7482, 58.4450, 84.7330



62.4966, 58.4450, 68.9982



57.3921, 58.4450, 46.3693

Rectangle

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



49.1386, 58.4450, 58.5603



50.0555, 58.4450, 75.6090



62.4966, 58.4450, 68.9982



61.4330, 58.4450, 53.0000

Sweetspot

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



49.1402, 58.4474, 58.5616



88.5544, 96.7772, 102.9125



51.2080, 59.7743, 46.8698



18.8092, 20.6424, 21.8910



0.0000, 0.0000, 0.0000



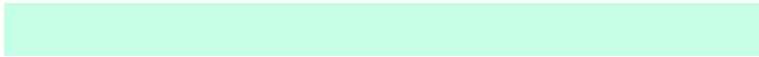
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1402, 58.4474, 58.5616



72.7039, 88.9379, 87.1748



50.9312, 58.6392, 69.6098



11.9244, 13.3135, 13.9585



16.0143, 28.8987, 14.9875



0.9351, 1.6317, 1.0471

Inverse Universe

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



50.0323, 46.0835, 53.8376



74.3439, 66.2119, 78.4937



48.4618, 45.8573, 44.3282



12.0267, 11.8954, 13.4165



17.5079, 8.8760, 7.5810



1.0187, 0.5122, 0.6331

Previews

White Background



This preview shows how the XYZ color 49.1386, 58.4450, 58.5603 looks on a white background.

Color Contrast Check

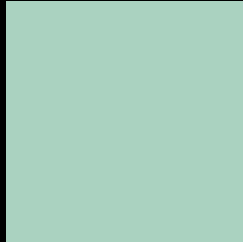
Large Text (above 18pt) WCAG AA × Fail

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 49.1386, 58.4450, 58.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

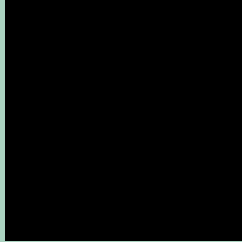
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1386, 58.4450, 58.5603

Background



This preview shows how black text looks on a background with the XYZ color 49.1386, 58.4450, 58.5603.

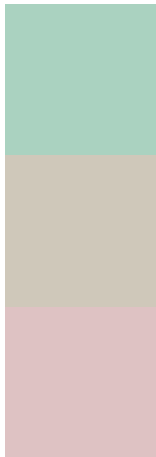


This preview shows how white text looks on a background with the XYZ color 49.1386, 58.4450,

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

49.1386, 58.4450, 58.5603

Protanopia

55.2493, 58.1191, 54.7605

Deuteranopia

59.2663, 58.0533, 59.7115



Tritanopia

53.1606, 58.6466, 77.6253

Trichromacy



Original Color

49.1386, 58.4450, 58.5603

Protanomaly

52.9181, 58.2859, 56.0382

Deuteranomaly

55.0205, 57.9001, 59.3149

Tritanomaly

51.5263, 58.3275, 70.1706

Monochromacy



Original Color

49.1386, 58.4450, 58.5603

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.2305, 56.2782, 59.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1386, 58.4450, 58.5603 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.1386, 58.4450, 58.5603 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, 192) }
```


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

```
.border{ border-color:rgb(170, 210, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1386, 58.4450, 58.5603 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, 192) }
```

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

```
.background{ background-color: rgb(170,  
210, 192) }
```

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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