

Converting Colors

XYZ(49.1156, 58.0420, 59.6535)

Have a look what the booklet for
XYZ(49.1156, 58.0420, 59.6535)
contains.

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Color

**XYZ(49.1156, 58.0420,
59.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD1C2
RGB	170, 209, 194
RGB Percent	67%, 82%, 76%
CMY	0.3333, 0.1804, 0.2392
CMYK	0.19, 0.00, 0.07, 0.18
HSL	157°, 30%, 74%
HSV	157°, 19%, 82%
XYZ	49.1156, 58.0420, 59.6535
YIQ	195.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

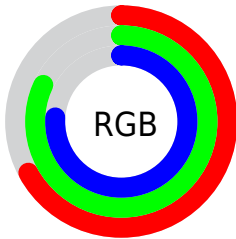
Format	Color
R _{YB}	170, 194, 209
Decimal	11194818
CIE Lab	80.76, -15.84, 3.18
CIE LCh	81, 16.161, 168.655
Yxy	58.0420, 0.2944, 0.3480
Android (android.graphics.Color)	4289384898 (0xFFAAD1C2)
YUV	195.6290, -0.8031, -22.4766
Hunter-Lab	76.1853, -18.2478, 6.9053

Details

The XYZ color **49.1156, 58.0420, 59.6535** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4282, 45.8090, 52.1383**, and the grayscale version is **52.2610, 54.9827, 59.8761**.

A 20% lighter version of the original color is **84.3793, 94.5909, 104.2531**, and **23.6253, 28.7866, 29.1221** is the 20% darker color. If you saturate the color by 10%, you get **44.0733, 55.5457, 54.8317**, and if you desaturate by 10%, it is **54.9283, 60.9330, 64.7689**.

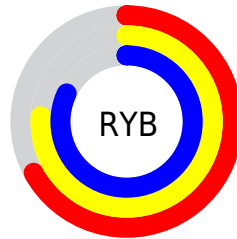
Distribution



Red (67%)

Green (82%)

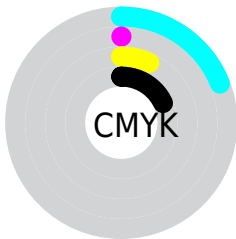
Blue (76%)



Red (67%)

Yellow (76%)

Blue (82%)

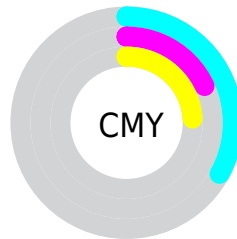


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1156, 58.0420, 59.6535 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 49.1156, 58.0420, 59.6535 by changing the saturation by 10% instead.

■ 49.1156, 58.0420,
59.6535

■ 49.1156, 58.0420,
59.6535

373.7066,
417.3424, 441.0885

■ 34.9261, 41.8424,
42.7159

■ 88.0628, 101.9840,
105.8653

■ 23.7722, 28.9779,
29.3325

113.5512,
130.4952, 135.9766

■ 15.2885, 19.0641,
19.0848

143.5367,
163.8791, 171.3163

■ 9.1098, 11.7166,
11.5541

178.3845,
202.5201, 212.3028

■ 4.8705, 6.5510,
6.3220

218.4601,
246.8025, 259.3548

■ 2.2055, 3.1829,
2.9699

264.1287,

■ 0.7456, 1.2280,

297.1108, 312.8907

1.0793

315.7558,
353.8293, 373.3291

■ 0.0000, 0.0844,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.1156, 58.0420,
59.6535

■ 49.1156, 58.0420,
59.6535

■ 44.0733, 55.5457,
54.8317

■ 54.9283, 60.9330,
64.7689

■ 39.7619, 53.4191,
50.2939

■ 61.5389, 64.2280,
70.1793

■ 36.1457, 51.6454,
46.0356

■ 68.9795, 67.9450,
75.8913

■ 33.1839, 50.2036,
42.0507

■ 77.2790, 72.0989,
81.9100

■ 30.8311, 49.0706,
38.3328

■ 78.9215, 72.8151,
87.8873

■ 29.0361, 48.2199,
34.8750

■ 80.1045, 73.2883,
94.1168

■ 27.7386, 47.6206,
31.6701

■ 81.3406, 73.7827,
100.6260

■ 26.8447, 47.2244,
28.7088

■ 82.0915, 74.0831,
104.5805

■ 26.7380, 47.1777,
28.3297

Harmonies

Analogous

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



50.4915, 58.0420, 51.8255



49.1156, 58.0420, 59.6535



49.3117, 58.0420, 69.2564

Triad

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



49.1156, 58.0420, 59.6535



57.2439, 58.0420, 82.2444



59.5127, 58.0420, 50.3884

Complementary

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



49.1156, 58.0420, 59.6535



49.4282, 45.8090, 52.1383

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.



61.4688, 58.0420, 57.5034



49.1156, 58.0420, 59.6535



60.1229, 58.0420, 76.1229

Square

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



49.1156, 58.0420, 59.6535



53.9153, 58.0420, 82.9689



61.6965, 58.0420, 66.8799



56.4383, 58.0420, 46.8472

Rectangle

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



49.1156, 58.0420, 59.6535



50.3094, 58.0420, 75.3777



61.6965, 58.0420, 66.8799



60.3281, 58.0420, 52.4063

Sweetspot

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



49.1172, 58.0444, 59.6548



88.7102, 96.8395, 103.7327



50.2107, 58.8948, 46.7525



18.8460, 20.6571, 22.0849



0.0000, 0.0000, 0.0000



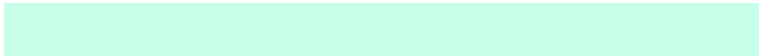
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1172, 58.0444, 59.6548



74.0548, 89.5557, 90.7890



49.9433, 56.8624, 68.6677



11.9576, 13.3268, 14.1332



16.5346, 29.1068, 17.7270



0.9627, 1.6427, 1.1920

Inverse Universe

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



49.4282, 45.8090, 52.1383



74.6223, 67.2536, 77.0918



48.6687, 46.6925, 44.4784



11.9943, 11.8824, 13.2455



17.1590, 8.7364, 5.7433



0.9978, 0.5038, 0.5230

Previews

White Background



This preview shows how the XYZ color 49.1156, 58.0420, 59.6535 looks on a white background.

Color Contrast Check

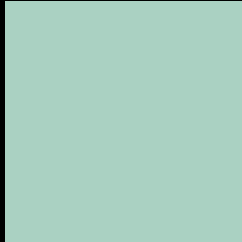
Large Text (above 18pt) WCAG AA × Fail

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 49.1156, 58.0420, 59.6535 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

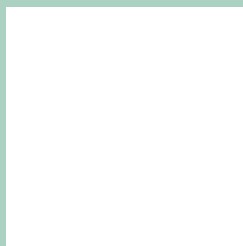
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1156, 58.0420, 59.6535

Background



This preview shows how black text looks on a background with the XYZ color 49.1156, 58.0420, 59.6535.

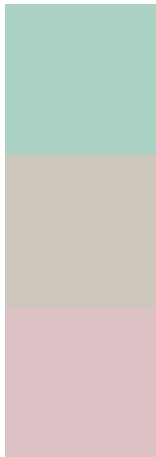


This preview shows how white text looks on a background with the XYZ color 49.1156, 58.0420,

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

49.1156, 58.0420, 59.6535

Protanopia

55.0623, 57.6428, 56.3682

Deuteranopia

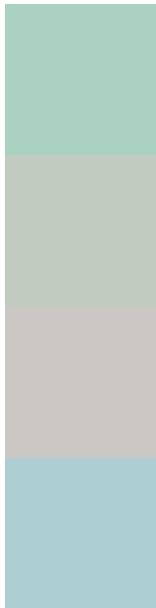
58.6632, 57.3868, 60.8082



Tritanopia

52.5617, 57.9971, 76.8309

Trichromacy



Original Color

49.1156, 58.0420, 59.6535

Protanomaly

52.7522, 57.8109, 57.6685

Deuteranomaly

54.7444, 57.3889, 60.4164

Tritanomaly

51.0628, 57.7300, 70.0797

Monochromacy



Original Color

49.1156, 58.0420, 59.6535

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 49.1156, 58.0420, 59.6535 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, 209, 194)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 194)  
}
```

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, 209, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.1156, 58.0420, 59.6535 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, 209, 194) }
```


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

```
.border{ border-color:rgb(170, 209, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 209, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 209, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 209, 194);  
box-shadow:4px 4px 4px 4px rgb(170, 209,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1156, 58.0420, 59.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 194) }
```

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

```
.background{ background-color: rgb(170,  
209, 194) }
```

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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