

Converting Colors

XYZ(49.1226, 55.5339, 59.0297)

Have a look what the booklet for
XYZ(49.1226, 55.5339, 59.0297)
contains.

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Color

**XYZ(49.2182, 55.6011,
59.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CAC2
RGB	178, 202, 194
RGB Percent	70%, 79%, 76%
CMY	0.3020, 0.2078, 0.2392
CMYK	0.12, 0.00, 0.04, 0.21
HSL	160°, 18%, 75%
HSV	160°, 12%, 79%
XYZ	49.2182, 55.6011, 59.1769
YIQ	193.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

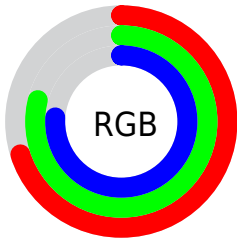
Format	Color
RYB	178, 192, 202
Decimal	11717314
CIELab	79.39, -9.64, 1.24
CIELCh	79, 9.715, 172.644
Yxy	55.6011, 0.3001, 0.3390
Android (android.graphics.Color)	4289907394 (0xFFB2CAC2)
YUV	193.9120, 0.0434, -13.9548
Hunter-Lab	74.5661, -12.6699, 5.1428

Details

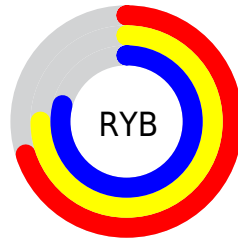
The XYZ color **49.2182, 55.6011, 59.1769** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1424, 47.9439, 53.1209**, and the grayscale version is **51.2321, 53.9002, 58.6973**.

A 20% lighter version of the original color is **86.9470, 95.9146, 104.3732**, and **23.7810, 27.4332, 28.8527** is the 20% darker color. If you saturate the color by 10%, you get **44.1812, 53.0914, 55.0823**, and if you desaturate by 10%, it is **54.9752, 58.4811, 63.4865**.

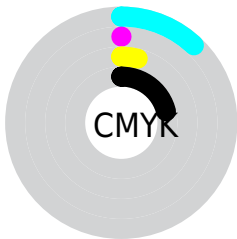
Distribution



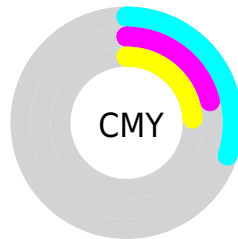
- Red (70%)
- Green (79%)
- Blue (76%)



- Red (70%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2182, 55.6011, 59.1769 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 49.2182, 55.6011, 59.1769 by changing the saturation by 10% instead.

■ 49.2182, 55.6011,
59.1769

■ 49.2182, 55.6011,
59.1769

374.1034,
408.1865, 439.2773

■ 35.0078, 39.8832,
42.3346

■ 88.2142, 98.4211,
105.1664

■ 23.8355, 27.4475,
29.0358

113.7306,
126.2920, 135.1506

■ 15.3357, 17.9096,
18.8621

143.7464,
158.9826, 170.3526

■ 9.1432, 10.8851,
11.3949

178.6269,
196.8775, 211.1908

■ 4.8925, 5.9896,
6.2156

218.7375,
240.3609, 258.0839

■ 2.2185, 2.8388,
2.9057

264.4435,

■ 0.7524, 1.0481,

289.8173, 311.4503

1.0467

316.1104,
345.6310, 371.7086

■ 0.0000, 0.0000,
0.0000

■ 49.2182, 55.6011,
59.1769

■ 49.2182, 55.6011,
59.1769

■ 44.1812, 53.0914,
55.0823

■ 54.9752, 58.4811,
63.4865

■ 39.8293, 50.9294,
51.1952

■ 61.4758, 61.7388,
68.0111

■ 36.1316, 49.1009,
47.5131

■ 68.7483, 65.3905,
72.7553

■ 33.0533, 47.5878,
44.0318

■ 75.4051, 68.7206,
77.6565

■ 30.5557, 46.3704,
40.7469

■ 76.3205, 69.0867,
82.4770

■ 28.5961, 45.4266,
37.6541

■ 77.2723, 69.4675,
87.4892

■ 27.1253, 44.7311,
34.7483

■ 78.2609, 69.8629,
92.6953

■ 26.0846, 44.2539,
32.0242

■ 79.2868, 70.2733,
98.0974

■ 25.4703, 43.9827,
29.9405

■ 80.3503, 70.6987,
103.6975

Harmonies

Analogous

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



49.9250, 55.6011, 54.2608



49.2182, 55.6011, 59.1769



49.4646, 55.6011, 64.7655

Triad

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



49.2182, 55.6011, 59.1769



54.3027, 55.6011, 70.9916



55.1530, 55.6011, 52.4062

Complementary

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



49.2182, 55.6011, 59.1769



49.1424, 47.9439, 53.1209

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.



56.3805, 55.6011, 56.5027



49.2182, 55.6011, 59.1769



55.8812, 55.6011, 67.2861

Square

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



49.2182, 55.6011, 59.1769



52.3690, 55.6011, 71.8162



56.6503, 55.6011, 61.9242



53.3283, 55.6011, 50.5108

Rectangle

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



49.2182, 55.6011, 59.1769



50.1392, 55.6011, 68.1031



56.6503, 55.6011, 61.9242



55.6510, 55.6011, 53.5589

Sweetspot

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



49.2198, 55.6034, 59.1781



90.8537, 97.8994, 105.8707



49.5052, 55.9472, 50.3099



19.2824, 20.8725, 22.5402



0.0000, 0.0000, 0.0000



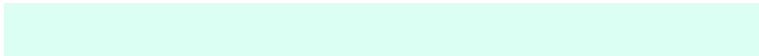
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2198, 55.6034, 59.1781



81.2561, 93.1036, 98.5589



49.3082, 54.3028, 63.7626



11.3781, 12.6610, 13.5483



16.4318, 28.3180, 19.4907



0.8820, 1.4746, 1.1862

Inverse Universe

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



49.1424, 47.9439, 53.1209



81.1024, 77.8607, 86.5059



49.0409, 49.0646, 49.0059



11.3640, 11.2743, 12.4516



16.3695, 8.3584, 4.3983



0.8796, 0.4453, 0.4121

Previews

White Background



This preview shows how the XYZ color 49.2182, 55.6011, 59.1769 looks on a white background.

Color Contrast Check

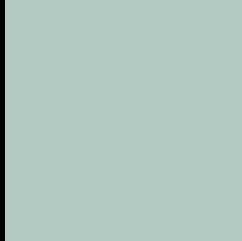
Large Text (above 18pt) WCAG AA × Fail

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 49.2182, 55.6011, 59.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

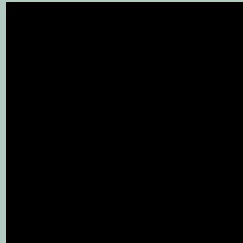
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2182, 55.6011, 59.1769

Background



This preview shows how black text looks on a background with the XYZ color 49.2182, 55.6011, 59.1769.



This preview shows how white text looks on a background with the XYZ color 49.2182, 55.6011,

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

49.2182, 55.6011, 59.1769

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

51.9806, 55.6982, 72.3011

Trichromacy



Original Color

49.2182, 55.6011, 59.1769

Protanomaly

51.5904, 55.4872, 57.2812

Deuteranomaly

53.4992, 55.0803, 59.4416

Tritanomaly

50.9728, 55.6373, 67.0840

Monochromacy



Original Color

49.2182, 55.6011, 59.1769

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4429, 54.5189, 58.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2182, 55.6011, 59.1769 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(178, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 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(178, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.2182, 55.6011, 59.1769 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(178, 202, 194) }
```


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

```
.border{ border-color:rgb(178, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2182, 55.6011, 59.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 194) }
```

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

```
.background{ background-color: rgb(178,  
202, 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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