

Converting Colors

XYZ(49.0149, 55.3868, 59.2897)

Have a look what the booklet for
XYZ(49.0149, 55.3868, 59.2897)
contains.

XYZ(48.9896, 55.4832, 59.1662)	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(48.9896, 55.4832,
59.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CAC2
RGB	177, 202, 194
RGB Percent	69%, 79%, 76%
CMY	0.3059, 0.2078, 0.2392
CMYK	0.12, 0.00, 0.04, 0.21
HSL	161°, 19%, 74%
HSV	161°, 12%, 79%
XYZ	48.9896, 55.4832, 59.1662
YIQ	193.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

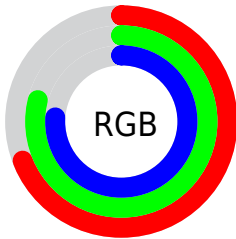
Format	Color
RYB	177, 192, 202
Decimal	11651778
CIELab	79.32, -9.97, 1.14
CIELCh	79, 10.032, 173.490
Yxy	55.4832, 0.2994, 0.3391
Android (android.graphics.Color)	4289841858 (0xFFB1CAC2)
YUV	193.6130, 0.1908, -14.5696
Hunter-Lab	74.4870, -12.9542, 5.0460

Details

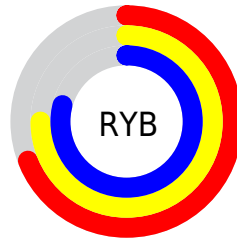
The XYZ color **48.9896, 55.4832, 59.1662** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8382, 47.5051, 52.4969**, and the grayscale version is **51.0549, 53.7138, 58.4943**.

A 20% lighter version of the original color is **86.6196, 95.7458, 104.3579**, and **23.6357, 27.3583, 28.8459** is the 20% darker color. If you saturate the color by 10%, you get **44.0145, 53.0021, 55.2255**, and if you desaturate by 10%, it is **54.6805, 58.3328, 63.3077**.

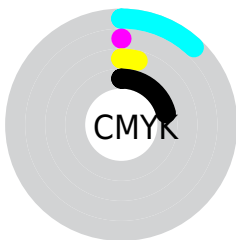
Distribution



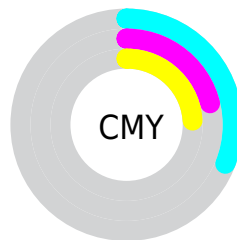
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



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



- Cyan (31%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9896, 55.4832, 59.1662 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 48.9896, 55.4832, 59.1662 by changing the saturation by 10% instead.

■ 48.9896, 55.4832,
59.1662

■ 48.9896, 55.4832,
59.1662

373.2190,
407.7410, 439.2366

■ 34.8257, 39.7887,
42.3260

■ 87.8768, 98.2486,
105.1507

■ 23.6945, 27.3739,
29.0292

113.3309,
126.0882, 135.1321

■ 15.2307, 17.8542,
18.8571

143.2791,
158.7451, 170.3309

■ 9.0688, 10.8454,
11.3913

178.0867,
196.6035, 211.1658

■ 4.8436, 5.9629,
6.2132

218.1192,
240.0479, 258.0553

■ 2.1896, 2.8226,
2.9043

263.7418,

■ 0.7372, 1.0398,

289.4627, 311.4179

1.0460

315.3200,
345.2323, 371.6721

■ 0.0000, 0.0000,
0.0000

■ 48.9896, 55.4832,
59.1662

■ 48.9896, 55.4832,
59.1662

■ 44.0145, 53.0021,
55.2255

■ 54.6805, 58.3328,
63.3077

■ 39.7204, 50.8669,
51.4784

■ 61.1110, 61.5583,
67.6497

■ 36.0764, 49.0632,
47.9225

■ 68.3093, 65.1760,
72.1966

■ 33.0472, 47.5731,
44.5540

■ 75.2619, 68.6633,
76.9029

■ 30.5945, 46.3766,
41.3689

■ 76.1345, 69.0123,
81.4976

■ 28.6750, 45.4516,
38.3630

■ 77.0405, 69.3747,
86.2687

■ 27.2393, 44.7726,
35.5316

■ 77.9803, 69.7506,
91.2179

■ 26.2282, 44.3093,
32.8696

■ 78.9544, 70.1403,
96.3473

■ 25.6618, 44.0592,
30.9489

■ 79.9630, 70.5437,
101.6586

Harmonies

Analogous

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



49.6909, 55.4832, 54.0660



48.9896, 55.4832, 59.1662



49.2712, 55.4832, 64.9294

Triad

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



48.9896, 55.4832, 59.1662



54.2898, 55.4832, 71.1363



55.0669, 55.4832, 51.9492

Complementary

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



48.9896, 55.4832, 59.1662



48.8382, 47.5051, 52.4969

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.



56.3577, 55.4832, 56.1087



48.9896, 55.4832, 59.1662



55.9012, 55.4832, 67.2356

Square

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



48.9896, 55.4832, 59.1662



52.2984, 55.4832, 72.0832



56.6668, 55.4832, 61.6747



53.1743, 55.4832, 50.0735

Rectangle

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



48.9896, 55.4832, 59.1662



49.9820, 55.4832, 68.3498



56.6668, 55.4832, 61.6747



55.5875, 55.4832, 53.1135

Sweetspot

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



48.9912, 55.4855, 59.1674



90.8752, 97.9080, 105.9841



49.1463, 55.7736, 49.7710



19.2879, 20.8746, 22.5689



0.0000, 0.0000, 0.0000



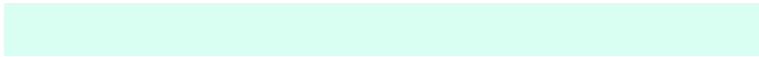
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9912, 55.4855, 59.1674



80.4420, 92.6898, 98.2527



48.9499, 53.9256, 63.7086



11.3845, 12.6636, 13.5824



16.5544, 28.3670, 20.1361



0.8877, 1.4769, 1.2160

Inverse Universe

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



48.8382, 47.5051, 52.4969



80.1304, 76.4137, 84.6498



48.8525, 48.8480, 48.4497



11.3578, 11.2719, 12.4190



16.3174, 8.3375, 4.1240



0.8764, 0.4440, 0.3952

Previews

White Background



This preview shows how the XYZ color 48.9896, 55.4832, 59.1662 looks on a white background.

Color Contrast Check

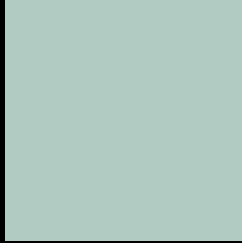
Large Text (above 18pt) WCAG AA × Fail

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 48.9896, 55.4832, 59.1662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

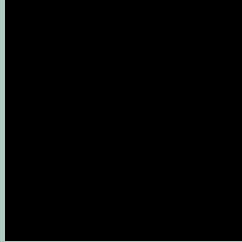
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9896, 55.4832, 59.1662

Background



This preview shows how black text looks on a background with the XYZ color 48.9896, 55.4832, 59.1662.



This preview shows how white text looks on a background with the XYZ color 48.9896, 55.4832,

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

48.9896, 55.4832, 59.1662

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

51.7452, 55.5769, 72.2901

Trichromacy



Original Color

48.9896, 55.4832, 59.1662

Protanomaly

51.3363, 55.3562, 57.2693

Deuteranomaly

53.2295, 54.9412, 59.4290

Tritanomaly

50.7392, 55.5168, 67.0731

Monochromacy



Original Color

48.9896, 55.4832, 59.1662

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 48.9896, 55.4832, 59.1662 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(177, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 202, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.9896, 55.4832, 59.1662 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(177, 202, 194) }
```


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

```
.border{ border-color:rgb(177, 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(177, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(177, 202,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9896, 55.4832, 59.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 202, 194) }
```

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

```
.background{ background-color: rgb(177,  
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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