

Converting Colors

XYZ(53.0467, 59.5163, 68.3684)

Have a look what the booklet for
XYZ(53.0467, 59.5163, 68.3684)
contains.

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Color

**XYZ(52.9971, 59.4896,
68.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D0D0
RGB	181, 208, 208
RGB Percent	71%, 82%, 82%
CMY	0.2902, 0.1843, 0.1843
CMYK	0.13, 0.00, 0.00, 0.18
HSL	180°, 22%, 76%
HSV	180°, 13%, 82%
XYZ	52.9971, 59.4896, 68.3639
YIQ	199.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

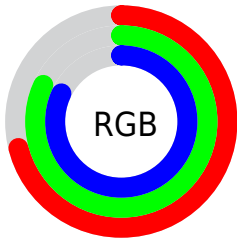
Format	Color
RYB	181, 195, 208
Decimal	11915472
CIELab	81.56, -8.98, -3.05
CIELCh	82, 9.485, 198.767
Yxy	59.4896, 0.2930, 0.3289
Android (android.graphics.Color)	4290105552 (0xFFB5D0D0)
YUV	199.9270, 3.9800, -16.5990
Hunter-Lab	77.1295, -12.3260, 1.4388

Details

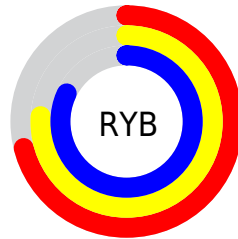
The XYZ color **52.9971, 59.4896, 68.3639** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8789, 49.7954, 50.6486**, and the grayscale version is **54.8396, 57.6955, 62.8304**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **26.2904, 30.0335, 34.9832** is the 20% darker color. If you saturate the color by 10%, you get **48.4795, 57.1623, 68.1522**, and if you desaturate by 10%, it is **58.2463, 62.1972, 68.6123**.

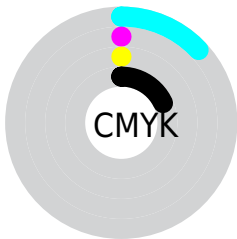
Distribution



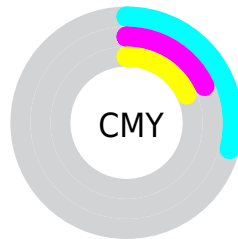
- Red (71%)
- Green (82%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9971, 59.4896, 68.3639 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 52.9971, 59.4896, 68.3639 by changing the saturation by 10% instead.

■ 52.9971, 59.4896,
68.3639

■ 52.9971, 59.4896,
68.3639

388.5350,
422.7139, 473.4173

■ 38.0279, 43.0074,
49.7253

■ 93.7657, 104.0889,
118.5317

■ 26.1817, 29.8909,
34.8255

120.2957,
132.9748, 150.8980

■ 17.0930, 19.7558,
23.2460

151.4102,
166.7640, 188.6773

■ 10.3965, 12.2177,
14.5683

187.4743,
205.8409, 232.2881

■ 5.7269, 6.8921,
8.3737

228.8535,
250.5900, 282.1489

■ 2.7188, 3.3947,
4.2438

275.9131,

■ 1.0069, 1.3411,

301.3956, 338.6784

1.7600

329.0185,
358.6421, 402.2950

■ 0.0000, 0.1727,
0.4014

■ 0.0000, 0.0000,
0.0000

■ 52.9971, 59.4896,
68.3639

■ 52.9971, 59.4896,
68.3639

■ 48.4795, 57.1623,
68.1522

■ 58.2463, 62.1972,
68.6123

■ 44.6563, 55.1914,
67.9718

■ 64.2521, 65.2933,
68.8949

■ 41.4945, 53.5615,
67.8223

■ 71.0447, 68.7950,
69.2143

■ 38.9566, 52.2532,
67.7020

■ 75.1835, 70.9286,
69.4096

■ 37.0014, 51.2453,
67.6089

■ 75.1838, 70.9287,
69.4111

■ 35.5826, 50.5139,
67.5410

■ 75.1841, 70.9288,
69.4126

■ 34.6470, 50.0316,
67.4957

■ 75.1844, 70.9289,
69.4142

■ 34.1305, 49.7654,
67.4700

■ 75.1847, 70.9290,
69.4157

■ 33.9398, 49.6671,
67.4600

■ 75.1850, 70.9291,
69.4172

Harmonies

Analogous

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



52.8726, 59.4896, 62.6629



52.9971, 59.4896, 68.3639



54.0584, 59.4896, 73.3694

Triad

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



52.9971, 59.4896, 68.3639



59.4696, 59.4896, 72.2685



57.2917, 59.4896, 54.6095

Complementary

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



52.9971, 59.4896, 68.3639



50.8789, 49.7954, 50.6486

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.



59.1027, 59.4896, 56.8777



52.9971, 59.4896, 68.3639



60.3797, 59.4896, 66.9321

Square

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



52.9971, 59.4896, 68.3639



57.7830, 59.4896, 75.7133



60.2438, 59.4896, 61.3121



55.3210, 59.4896, 54.9427

Rectangle

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



52.9971, 59.4896, 68.3639



55.1687, 59.4896, 75.5345



60.2438, 59.4896, 61.3121



57.9401, 59.4896, 55.0874

Sweetspot

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



52.9988, 59.4921, 68.3652



91.3963, 98.1164, 108.7280



50.0599, 58.3287, 52.3372



19.4202, 20.9276, 23.2656



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.



52.9988, 59.4921, 68.3652



81.5992, 93.0660, 108.2666



49.9468, 53.3875, 67.3498



12.1584, 13.4071, 15.1903



21.1522, 30.9538, 42.0429



1.1827, 1.7307, 2.3509

Inverse Universe

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



50.8789, 49.7954, 50.6486



77.5010, 74.3199, 74.0159



53.6580, 55.3541, 51.5734



11.8088, 11.8083, 12.2692



16.2125, 8.3578, 0.7593



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 52.9971, 59.4896, 68.3639 looks on a white background.

Color Contrast Check

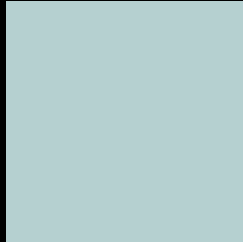
Large Text (above 18pt) WCAG AA × Fail

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 52.9971, 59.4896, 68.3639 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

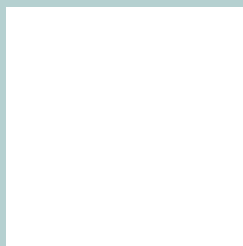
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9971, 59.4896, 68.3639

Background



This preview shows how black text looks on a background with the XYZ color 52.9971, 59.4896, 68.3639.

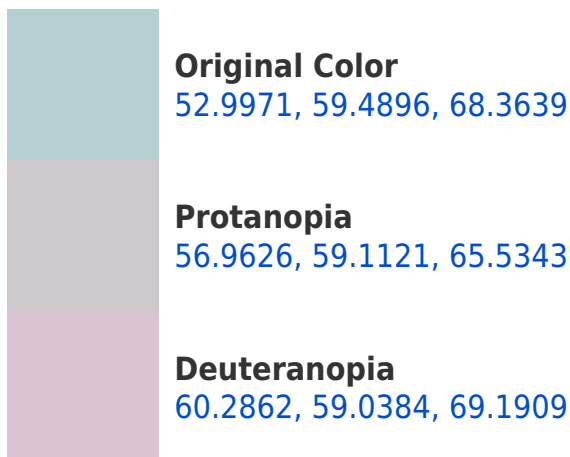


This preview shows how white text looks on a background with the XYZ color 52.9971, 59.4896,

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

55.0233, 59.6069, 77.7125

Trichromacy



Original Color

52.9971, 59.4896, 68.3639

Protanomaly

55.3773, 59.3293, 66.2906

Deuteranomaly

57.3397, 58.8911, 68.6666

Tritanomaly

54.3656, 59.7027, 74.3040

Monochromacy



Original Color

52.9971, 59.4896, 68.3639

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1277, 58.3611, 64.9119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9971, 59.4896, 68.3639 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(181, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 208)  
}
```

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(181, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 52.9971, 59.4896, 68.3639 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(181, 208, 208) }
```


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

```
.border{ border-color:rgb(181, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9971, 59.4896, 68.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 208) }
```

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

```
.background{ background-color: rgb(181,  
208, 208) }
```

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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