

Converting Colors

XYZ(49.9824, 55.1521, 58.6743)

Have a look what the booklet for
XYZ(49.9824, 55.1521, 58.6743)
contains.

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Color

**XYZ(50.0471, 55.3492,
58.4978)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B8C8C1 |
| RGB | 184, 200, 193 |
| RGB Percent | 72%, 78%, 76% |
| CMY | 0.2784, 0.2157, 0.2431 |
| CMYK | 0.08, 0.00, 0.04, 0.22 |
| HSL | 154°, 13%, 75% |
| HSV | 154°, 8%, 78% |
| XYZ | 50.0471, 55.3492, 58.4978 |
| YIQ | 194.4180, -7.2890, -5.5690 |

Conversions

Conversions Part 2

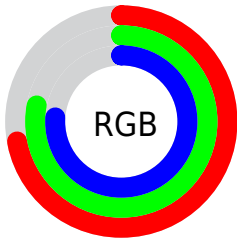
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 194, 200 |
| Decimal | 12110017 |
| CIELab | 79.24, -6.77, 1.62 |
| CIELCh | 79, 6.963, 166.532 |
| Yxy | 55.3492, 0.3054, 0.3377 |
| Android (android.graphics.Color) | 4290300097 (0xFFB8C8C1) |
| YUV | 194.4180, -0.6991, -9.1366 |
| Hunter-Lab | 74.3970, -10.1174, 5.4587 |

Details

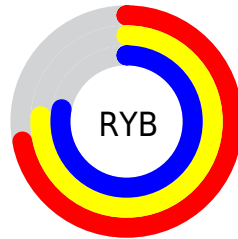
The XYZ color **50.0471, 55.3492, 58.4978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3659, 50.3234, 56.3517**, and the grayscale version is **51.5343, 54.2180, 59.0435**.

A 20% lighter version of the original color is **88.7941, 96.8848, 103.6432**, and **24.3726, 27.2765, 28.7913** is the 20% darker color. If you saturate the color by 10%, you get **44.6433, 52.6745, 53.2987**, and if you desaturate by 10%, it is **56.1892, 58.4010, 64.0355**.

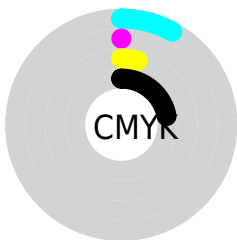
Distribution



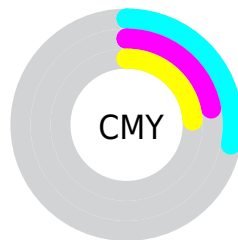
- Red (72%)
- Green (78%)
- Blue (76%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0471, 55.3492, 58.4978 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 50.0471, 55.3492, 58.4978 by changing the saturation by 10% instead.

■ 50.0471, 55.3492,
58.4978

■ 50.0471, 55.3492,
58.4978

377.2990,
407.2343, 436.6882

■ 35.6688, 39.6814,
41.7916

■ 89.4361, 98.0524,
104.1693

■ 24.3474, 27.2902,
28.6138

115.1774,
125.8566, 133.9718

■ 15.7177, 17.7913,
18.5458

145.4371,
158.4750, 168.9768

■ 9.4142, 10.8003,
11.1691

180.5806,
196.2920, 209.6028

■ 5.0716, 5.9327,
6.0651

220.9732,
239.6920, 256.2684

■ 2.3245, 2.8042,
2.8153

266.9802,

■ 0.8072, 1.0304,

289.0595, 309.3922

1.0011

318.9671,
344.7788, 369.3926

■ 0.0000, 0.0000,
0.0000

■ 50.0471, 55.3492,
58.4978

■ 50.0471, 55.3492,
58.4978

■ 44.6433, 52.6745,
53.2987

■ 56.1892, 58.4010,
64.0355

■ 39.9438, 50.3547,
48.4279

■ 63.0926, 61.8368,
69.9143

■ 35.9190, 48.3764,
43.8799

■ 70.7848, 65.6724,
76.1418

■ 32.5351, 46.7221,
39.6476

■ 75.9005, 68.1728,
82.5651

■ 29.7554, 45.3731,
35.7238

■ 77.1469, 68.6713,
89.1284

■ 27.5393, 44.3085,
32.1006

■ 78.4557, 69.1948,
96.0205

■ 25.8407, 43.5048,
28.7701

■ 79.8277, 69.7437,
103.2457

■ 24.6060, 42.9345,
25.7234

■ 79.9454, 69.7907,
103.8651

■ 23.7558, 42.5567,
22.9505

Harmonies

Analogous

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



50.6887, 55.3492, 55.1439



50.0471, 55.3492, 58.4978



50.0829, 55.3492, 62.4738

Triad

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



50.0471, 55.3492, 58.4978



53.3732, 55.3492, 67.9185



54.4710, 55.3492, 54.8712

Complementary

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



50.0471, 55.3492, 58.4978



50.3659, 50.3234, 56.3517

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.



55.2160, 55.3492, 58.1106



50.0471, 55.3492, 58.4978



54.5746, 55.3492, 65.6956

Square

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



50.0471, 55.3492, 58.4978



51.9867, 55.3492, 68.0334



55.2543, 55.3492, 62.0692



53.2337, 55.3492, 53.1133

Rectangle

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



50.0471, 55.3492, 58.4978



50.4859, 55.3492, 64.9457



55.2543, 55.3492, 62.0692



54.7882, 55.3492, 55.8164

Sweetspot

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



50.0487, 55.3515, 58.4990



92.8412, 98.9026, 106.9319



50.8441, 55.8741, 53.4532



19.8950, 21.1807, 22.9086



0.0000, 0.0000, 0.0000



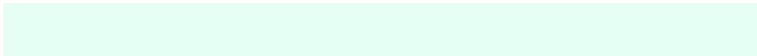
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0487, 55.3515, 58.4990



84.5379, 94.7824, 99.3006



50.6639, 55.3019, 62.6505



10.7431, 11.9861, 12.5972



15.0550, 27.0344, 14.5001



0.7488, 1.2945, 0.8758

Inverse Universe

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



50.3659, 50.3234, 56.3517



85.2241, 83.9062, 94.6560



49.7800, 50.3557, 52.4441



10.8234, 10.7128, 12.0534



16.2960, 8.2680, 6.7688



0.8079, 0.4060, 0.5113

Previews

White Background



This preview shows how the XYZ color 50.0471, 55.3492, 58.4978 looks on a white background.

Color Contrast Check

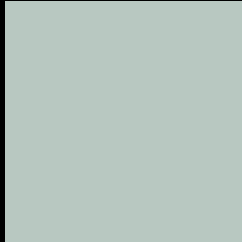
Large Text (above 18pt) WCAG AA × Fail

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 50.0471, 55.3492, 58.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

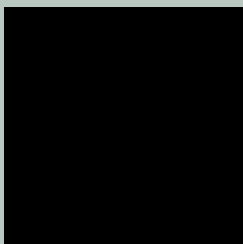
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

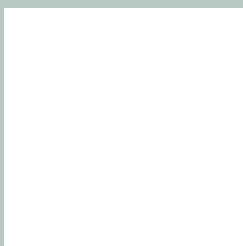
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0471, 55.3492, 58.4978

Background



This preview shows how black text looks on a background with the XYZ color 50.0471, 55.3492, 58.4978.



This preview shows how white text looks on a background with the XYZ color 50.0471, 55.3492,

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

50.0471, 55.3492, 58.4978

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.2881, 55.2141, 59.3204



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

50.0471, 55.3492, 58.4978

Protanomaly

51.8759, 55.2962, 57.2293

Deuteranomaly

53.9312, 55.3160, 58.8735

Tritanomaly

51.5844, 55.2835, 66.3445

Monochromacy



Original Color

50.0471, 55.3492, 58.4978

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7127, 54.3220, 58.8513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0471, 55.3492, 58.4978 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(184, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 193)  
}
```

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(184, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.0471, 55.3492, 58.4978 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(184, 200, 193) }
```


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

```
.border{ border-color:rgb(184, 200, 193) }
```

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

Here you see how a box with a 4 pixel rgb(184, 200, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 200,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0471, 55.3492, 58.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 193) }
```

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

```
.background{ background-color: rgb(184,  
200, 193) }
```

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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