

Converting Colors

XYZ(45.2880, 48.4589, 53.9900)

Have a look what the booklet for
XYZ(45.2880, 48.4589, 53.9900)
contains.

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Color

**XYZ(45.1190, 48.2894,
53.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BABB
RGB	179, 186, 187
RGB Percent	70%, 73%, 73%
CMY	0.2980, 0.2706, 0.2667
CMYK	0.04, 0.01, 0.00, 0.27
HSL	187°, 6%, 72%
HSV	187°, 4%, 73%
XYZ	45.1190, 48.2894, 53.9565
YIQ	184.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

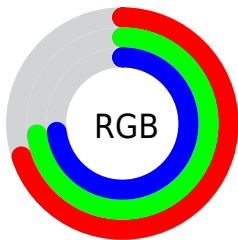
Format	Color
R_YB	179, 183, 187
Decimal	11778747
CIE _{Lab}	75.01, -2.23, -1.36
CIE _{LCh}	75, 2.612, 211.340
Yxy	48.2894, 0.3062, 0.3277
Android (android.graphics.Color)	4289968827 (0xFFB3BABB)
YUV	184.0210, 1.4686, -4.4034
Hunter-Lab	69.4906, -5.7116, 2.6072

Details

The XYZ color **45.1190, 48.2894, 53.9565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9517, 46.4616, 49.2474**, and the grayscale version is **45.5667, 47.9397, 52.2063**.

A 20% lighter version of the original color is **82.1907, 87.6375, 97.3778**, and **21.2948, 22.9319, 25.8582** is the 20% darker color. If you saturate the color by 10%, you get **40.6001, 45.2382, 53.6065**, and if you desaturate by 10%, it is **50.2348, 51.6629, 54.3388**.

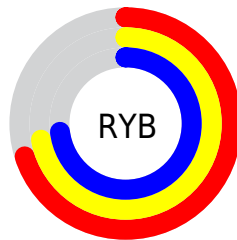
Distribution



Red (70%)

Green (73%)

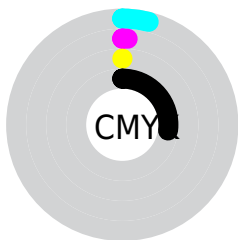
Blue (73%)



Red (70%)

Yellow (72%)

Blue (73%)

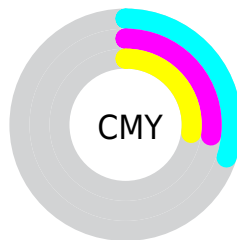


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1190, 48.2894, 53.9565 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 45.1190, 48.2894, 53.9565 by changing the saturation by 10% instead.

■ 45.1190, 48.2894,
53.9565

■ 45.1190, 48.2894,
53.9565

358.0309,
379.9381, 419.1140

■ 31.7528, 34.0561,
38.1739

■ 82.1349, 87.6351,
97.4661

■ 21.3274, 22.9367,
25.8148

106.5154,
113.5164, 126.0303

■ 13.4774, 14.5468,
16.4607

135.2980,
144.0491, 159.6921

■ 7.8373, 8.5019,
9.6928

168.8482,
179.6176, 198.8700

■ 4.0420, 4.4178,
5.0928

207.5312,
220.6064, 243.9826

■ 1.7259, 1.9099,
2.2421

251.7124,

■ 0.4724, 0.5543,

267.3998, 295.4485

0.6985

301.7572,
320.3822, 353.6861

■ 0.0000, 0.0000,
0.0000

■ 45.1190, 48.2894,
53.9565

■ 45.1190, 48.2894,
53.9565

■ 40.6001, 45.2382,
53.6065

■ 50.2348, 51.6629,
54.3388

■ 36.6506, 42.4910,
53.2844

■ 55.9655, 55.3640,
54.7511

■ 33.2467, 40.0368,
52.9901

■ 62.3335, 59.4057,
55.1956

■ 30.3615, 37.8618,
52.7223

■ 69.3588, 63.7982,
55.6732

■ 27.9658, 35.9508,
52.4797

■ 70.3256, 65.0796,
55.8695

■ 26.0274, 34.2872,
52.2608

■ 70.8613, 66.1509,
56.0481

■ 24.5102, 32.8522,
52.0638

■ 71.4051, 67.2386,
56.2294

■ 23.3726, 31.6244,
51.8867

■ 71.9572, 68.3428,
56.4134

■ 22.5642, 30.5778,
51.7273

■ 72.5177, 69.4637,
56.6002

Harmonies

Analogous

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



44.9871, 48.2894, 52.6404



45.1190, 48.2894, 53.9565



45.4593, 48.2894, 54.9168

Triad

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



45.1190, 48.2894, 53.9565



46.7068, 48.2894, 53.8484



45.8762, 48.2894, 49.9973

Complementary

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



45.1190, 48.2894, 53.9565



44.9517, 46.4616, 49.2474

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.



46.3388, 48.2894, 50.3084



45.1190, 48.2894, 53.9565



46.8203, 48.2894, 52.5176

Square

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



45.1190, 48.2894, 53.9565



46.3761, 48.2894, 54.8536



46.6852, 48.2894, 51.2250



45.4224, 48.2894, 50.3680

Rectangle

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



45.1190, 48.2894, 53.9565



45.7597, 48.2894, 55.2177



46.6852, 48.2894, 51.2250



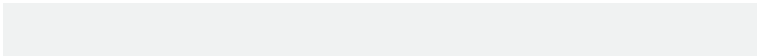
46.0358, 48.2894, 50.0256

Sweetspot

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



45.1204, 48.2915, 53.9576



83.6779, 88.3943, 96.8529



44.5930, 48.4178, 50.1405



18.4375, 19.4727, 21.3294



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.1204, 48.2915, 53.9576



80.1204, 86.0286, 96.5838



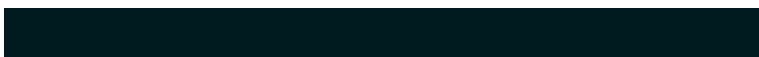
44.3025, 46.6556, 53.6849



10.0973, 10.8653, 12.2372



15.3256, 20.7629, 35.5928



0.6291, 0.8709, 1.4038

Inverse Universe

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



45.4777, 46.3512, 53.0065



80.8773, 81.9271, 94.5668



45.7576, 48.0736, 49.5161



10.2031, 10.2931, 11.9552



18.7364, 9.1257, 24.9693



0.7485, 0.3633, 1.0547

Previews

White Background



This preview shows how the XYZ color 45.1190, 48.2894, 53.9565 looks on a white background.

Color Contrast Check

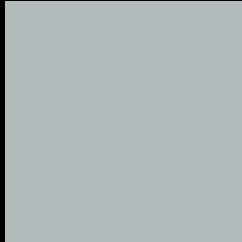
Large Text (above 18pt) WCAG AA × Fail

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 45.1190, 48.2894, 53.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

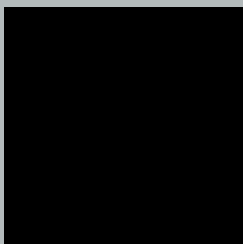
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

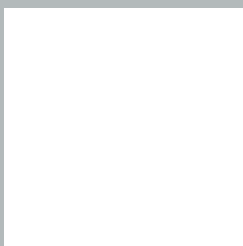
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1190, 48.2894, 53.9565

Background



This preview shows how black text looks on a background with the XYZ color 45.1190, 48.2894, 53.9565.



This preview shows how white text looks on a background with the XYZ color 45.1190, 48.2894,

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

45.1190, 48.2894, 53.9565

Protanopia

46.4969, 48.3909, 53.3441

Deuteranopia

49.0166, 48.1504, 54.2875



Tritanopia

46.5053, 48.2283, 60.8907

Trichromacy



Original Color

45.1190, 48.2894, 53.9565

Protanomaly

45.9791, 48.4334, 53.3796

Deuteranomaly

47.5433, 48.2932, 54.3927

Tritanomaly

46.0217, 48.3414, 58.5350

Monochromacy



Original Color

45.1190, 48.2894, 53.9565

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3973, 48.1458, 52.7993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1190, 48.2894, 53.9565 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(179, 186, 187) looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 187)  
}
```

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(179, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.1190, 48.2894, 53.9565 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(179, 186, 187) }
```


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

```
.border{ border-color:rgb(179, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 186,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1190, 48.2894, 53.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 187) }
```

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

```
.background{ background-color: rgb(179,  
186, 187) }
```

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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