

Converting Colors

XYZ(45.4929, 48.4245, 55.0124)

Have a look what the booklet for
XYZ(45.4929, 48.4245, 55.0124)
contains.

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Color

**XYZ(45.5666, 48.4952,
55.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BABD
RGB	180, 186, 189
RGB Percent	71%, 73%, 74%
CMY	0.2941, 0.2706, 0.2588
CMYK	0.05, 0.02, 0.00, 0.26
HSL	200°, 6%, 72%
HSV	200°, 5%, 74%
XYZ	45.5666, 48.4952, 55.1030
YIQ	184.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

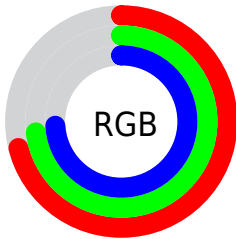
Format	Color
RYB	180, 184, 189
Decimal	11844285
CIELab	75.14, -1.50, -2.25
CIELCh	75, 2.704, 236.267
Yxy	48.4952, 0.3055, 0.3251
Android (android.graphics.Color)	4290034365 (0xFFB4BABD)
YUV	184.5480, 2.1948, -3.9886
Hunter-Lab	69.6385, -5.0693, 1.8324

Details

The XYZ color **45.5666, 48.4952, 55.1030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1581, 47.9807, 50.0092**, and the grayscale version is **45.8543, 48.2423, 52.5359**.

A 20% lighter version of the original color is **82.8256, 87.9297, 98.9930**, and **21.5839, 23.0647, 26.6069** is the 20% darker color. If you saturate the color by 10%, you get **40.1667, 43.7874, 54.4797**, and if you desaturate by 10%, it is **51.6277, 53.6332, 55.7760**.

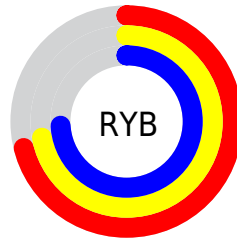
Distribution



Red (71%)

Green (73%)

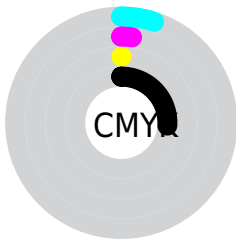
Blue (74%)



Red (71%)

Yellow (72%)

Blue (74%)

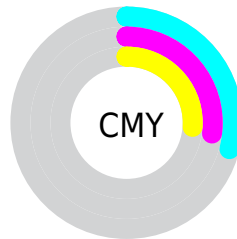


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5666, 48.4952, 55.1030 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 45.5666, 48.4952, 55.1030 by changing the saturation by 10% instead.

■ 45.5666, 48.4952,
55.1030

■ 45.5666, 48.4952,
55.1030

359.8087,
380.7516, 423.5952

■ 32.1071, 34.2192,
39.0850

■ 82.8018, 87.9413,
99.1645

■ 21.5993, 23.0621,
26.5175

107.3083,
113.8801, 128.0451

■ 13.6777, 14.6393,
16.9820

136.2279,
144.4754, 162.0504

■ 7.9770, 8.5667,
10.0598

169.9258,
180.1114, 201.5989

■ 4.1319, 4.4596,
5.3325

208.7675,
221.1727, 247.1090

■ 1.7770, 1.9338,
2.3815

253.1183,

■ 0.5038, 0.5686,

268.0436, 298.9994

0.7764

303.3436,
321.1084, 357.6886

■ 0.0000, 0.0000,
0.0000

■ 45.5666, 48.4952,
55.1030

■ 45.5666, 48.4952,
55.1030

■ 40.1667, 43.7874,
54.4797

■ 51.6277, 53.6332,
55.7760

■ 35.3989, 39.4898,
53.9014

■ 58.3693, 59.2085,
56.4968

■ 31.2381, 35.5897,
53.3679

■ 65.8151, 65.2356,
57.2678

■ 27.6559, 32.0711,
52.8776

■ 73.7645, 71.6123,
58.0796

■ 24.6214, 28.9170,
52.4287

■ 75.3607, 74.8046,
58.6117

■ 22.1006, 26.1087,
52.0195

■ 77.0188, 78.1209,
59.1644

■ 20.0553, 23.6254,
51.6480

■ 78.7395, 81.5623,
59.7379

■ 18.4418, 21.4431,
51.3118

■ 80.5235, 85.1303,
60.3326

■ 17.2070, 19.5332,
51.0082

■ 82.3714, 88.8260,
60.9486

Harmonies

Analogous

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



45.2448, 48.4952, 54.0188



45.5666, 48.4952, 55.1030



46.0313, 48.4952, 55.5706

Triad

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



45.5666, 48.4952, 55.1030



47.0497, 48.4952, 52.9807



45.6732, 48.4952, 50.3957

Complementary

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



45.5666, 48.4952, 55.1030



46.1581, 47.9807, 50.0092

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.



46.1552, 48.4952, 50.1289



45.5666, 48.4952, 55.1030



46.9522, 48.4952, 51.6056

Square

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



45.5666, 48.4952, 55.1030



46.8895, 48.4952, 54.3316



46.6239, 48.4952, 50.5680



45.3061, 48.4952, 51.3034

Rectangle

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



45.5666, 48.4952, 55.1030



46.3604, 48.4952, 55.4637



46.6239, 48.4952, 50.5680



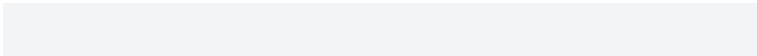
45.8271, 48.4952, 50.2288

Sweetspot

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



45.5680, 48.4973, 55.1041



85.5359, 90.2122, 99.1307



45.5524, 49.5119, 51.8746



18.4061, 19.4100, 21.3190



90.7827, 95.5105, 104.0109



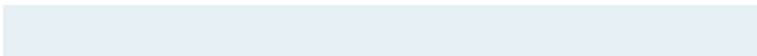
18.6292, 19.5994, 21.3438

Same Dimension

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



45.5680, 48.4973, 55.1041



80.2532, 85.6883, 98.5359



44.6648, 46.6910, 54.8030



9.8768, 10.5572, 12.1894



11.2778, 12.6673, 34.2435



0.4995, 0.6117, 1.3606

Inverse Universe

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



46.1715, 47.0075, 53.0966



81.6291, 82.3184, 93.9537



47.0699, 49.8042, 50.3131



10.0593, 10.1113, 11.5813



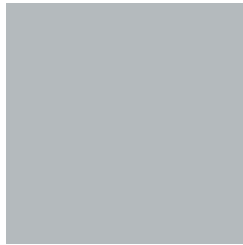
16.6933, 8.3085, 14.2103



0.6830, 0.3371, 0.7102

Previews

White Background



This preview shows how the XYZ color 45.5666, 48.4952, 55.1030 looks on a white background.

Color Contrast Check

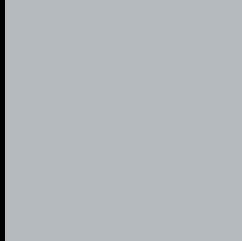
Large Text (above 18pt) WCAG AA × Fail

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 45.5666, 48.4952, 55.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

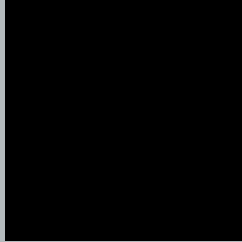
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5666, 48.4952, 55.1030

Background



This preview shows how black text looks on a background with the XYZ color 45.5666, 48.4952, 55.1030.



This preview shows how white text looks on a background with the XYZ color 45.5666, 48.4952,

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

45.5666, 48.4952, 55.1030

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

46.7407, 48.3496, 60.9017

Trichromacy



Original Color

45.5666, 48.4952, 55.1030

Protanomaly

46.1932, 48.5191, 54.5074

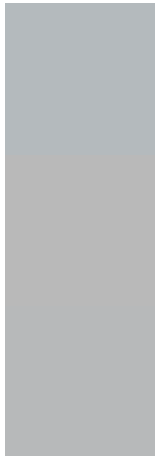
Deuteranomaly

48.0145, 48.5111, 55.5481

Tritanomaly

46.2553, 48.4618, 58.5459

Monochromacy



Original Color

45.5666, 48.4952, 55.1030

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.7403, 48.3104, 53.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5666, 48.4952, 55.1030 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(180, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 189)  
}
```

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(180, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.5666, 48.4952, 55.1030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

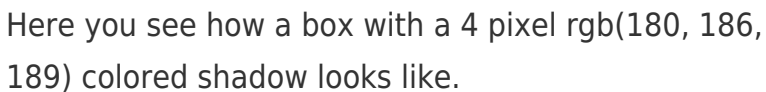
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 186, 189) }
```


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

```
.border{ border-color:rgb(180, 186, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 186, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 186, 189); box-shadow:4px 4px 4px 4px rgb(180, 186, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5666, 48.4952, 55.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 189) }
```

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

```
.background{ background-color: rgb(180,  
186, 189) }
```

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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