

Converting Colors

XYZ(45.4531, 45.6202, 58.6345)

Have a look what the booklet for
XYZ(45.4531, 45.6202, 58.6345)
contains.

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Color

**XYZ(45.4531, 45.6202,
58.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B1C4
RGB	184, 177, 196
RGB Percent	72%, 69%, 77%
CMY	0.2784, 0.3059, 0.2314
CMYK	0.06, 0.10, 0.00, 0.23
HSL	262°, 14%, 73%
HSV	262°, 10%, 77%
XYZ	45.4531, 45.6202, 58.6345
YIQ	181.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

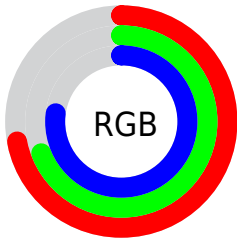
Format	Color
RYB	184, 177, 196
Decimal	12104132
CIELab	73.30, 6.09, -8.75
CIElCh	73, 10.665, 304.851
Yxy	45.6202, 0.3036, 0.3047
Android (android.graphics.Color)	4290294212 (0xFFB8B1C4)
YUV	181.2590, 7.2673, 2.4039
Hunter-Lab	67.5427, 1.9224, -4.1903

Details

The XYZ color **45.4531, 45.6202, 58.6345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6638, 53.4743, 49.3540**, and the grayscale version is **44.0249, 46.3176, 50.4399**.

A 20% lighter version of the original color is **82.8037, 83.8949, 104.7576**, and **21.4502, 21.1936, 28.5514** is the 20% darker color. If you saturate the color by 10%, you get **39.0195, 36.9643, 57.3035**, and if you desaturate by 10%, it is **52.7051, 55.5258, 60.1650**.

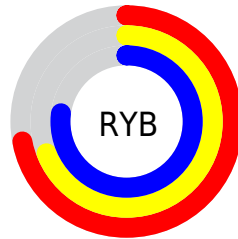
Distribution



Red (72%)

Green (69%)

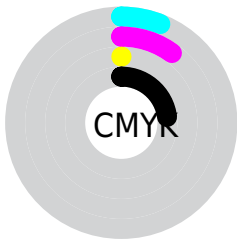
Blue (77%)



Red (72%)

Yellow (69%)

Blue (77%)

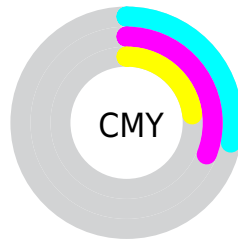


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (28%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4531, 45.6202, 58.6345 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 45.4531, 45.6202, 58.6345 by changing the saturation by 10% instead.

■ 45.4531, 45.6202,
58.6345

■ 45.4531, 45.6202,
58.6345

359.3584,
369.2796, 437.2102

■ 32.0173, 31.9462,
41.9009

■ 82.6328, 83.6503,
104.3702

■ 21.5303, 21.3204,
28.6987

107.1074,
108.7752, 134.2093

■ 13.6268, 13.3584,
18.6094

135.9923,
138.4859, 169.2540

■ 7.9416, 7.6758,
11.2144

169.6528,
173.1667, 209.9228

■ 4.1091, 3.8882,
6.0953

208.4543,
213.2021, 256.6343

■ 1.7640, 1.6112,
2.8334

252.7622,

■ 0.4958, 0.3652,

258.9765, 309.8070

1.0102

302.9418,
310.8742, 369.8595

■ 0.0000, 0.0000,
0.0000

■ 45.4531, 45.6202,
58.6345

■ 45.4531, 45.6202,
58.6345

■ 39.0195, 36.9643,
57.3035

■ 52.7051, 55.5258,
60.1650

■ 33.3699, 29.5018,
56.1609

■ 60.7999, 66.7231,
61.8996

■ 28.4736, 23.1805,
55.1988

■ 69.7660, 79.2590,
63.8467

■ 24.2961, 17.9420,
54.4079

■ 79.5000, 92.9178,
65.9701

■ 20.7999, 13.7227,
53.7777

■ 83.6972, 95.0815,
66.1665

■ 17.9438, 10.4519,
53.2969

■ 86.9639, 96.7656,
66.3194

■ 15.6816, 8.0497,
52.9525

■ 13.9598, 6.4222,
52.7291

■ 12.6858, 5.3985,
52.5986

Harmonies

Analogous

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



43.6661, 45.6202, 60.6846



45.4531, 45.6202, 58.6345



46.7058, 45.6202, 54.1899

Triad

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



45.4531, 45.6202, 58.6345



44.9105, 45.6202, 40.9022



39.8674, 45.6202, 50.5507

Complementary

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



45.4531, 45.6202, 58.6345



48.6638, 53.4743, 49.3540

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.



40.1791, 45.6202, 45.4137



45.4531, 45.6202, 58.6345



43.0566, 45.6202, 40.0806

Square

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



45.4531, 45.6202, 58.6345



46.3863, 45.6202, 44.0043



41.3334, 45.6202, 41.6739



40.4695, 45.6202, 55.8080

Rectangle

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



45.4531, 45.6202, 58.6345



47.0504, 45.6202, 50.6049



41.3334, 45.6202, 41.6739



39.8690, 45.6202, 48.7520

Sweetspot

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



45.4544, 45.6221, 58.6355



90.9023, 94.3108, 108.0205



46.3017, 49.7438, 59.3864



19.2247, 19.8687, 23.0718



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.



45.4544, 45.6221, 58.6355



79.2961, 78.5231, 105.5849



47.7989, 46.8307, 58.7452



9.8709, 9.9246, 12.6802



8.2159, 3.4959, 33.7984



0.4312, 0.1903, 1.4639

Inverse Universe

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



47.6741, 46.8563, 54.6781



84.2914, 81.3018, 96.6229



46.3913, 52.3028, 49.2477



10.3348, 10.1825, 11.8537



17.0000, 8.4898, 13.1782



0.7668, 0.3797, 0.7394

Previews

White Background



This preview shows how the XYZ color 45.4531, 45.6202, 58.6345 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 45.4531, 45.6202, 58.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

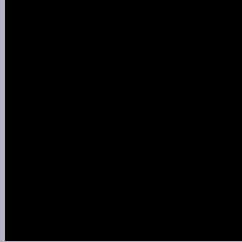
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4531, 45.6202, 58.6345

Background



This preview shows how black text looks on a background with the XYZ color 45.4531, 45.6202, 58.6345.



This preview shows how white text looks on a background with the XYZ color 45.4531, 45.6202,

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

45.4531, 45.6202, 58.6345

Protanopia

44.5582, 45.7364, 59.3029

Deuteranopia

46.5290, 45.5926, 58.5725



Tritanopia

44.9633, 45.7138, 56.3230

Trichromacy



Original Color

45.4531, 45.6202, 58.6345

Protanomaly

44.8208, 45.5753, 59.2579

Deuteranomaly

46.2282, 45.7276, 58.6144

Tritanomaly

45.0745, 45.7583, 56.9086

Monochromacy



Original Color

45.4531, 45.6202, 58.6345

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4756, 46.1328, 53.0148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4531, 45.6202, 58.6345 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, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 177, 196)  
}
```

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, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 177, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.4531, 45.6202, 58.6345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

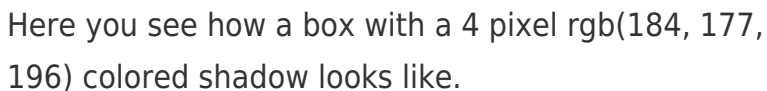
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 177, 196) }
```


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

```
.border{ border-color:rgb(184, 177, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 177, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 177, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 177, 196); box-shadow:4px 4px 4px 4px rgb(184, 177, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4531, 45.6202, 58.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 177, 196) }
```

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

```
.background{ background-color: rgb(184,  
177, 196) }
```

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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