

Converting Colors

XYZ(43.0947, 45.1179, 48.2568)

Have a look what the booklet for
XYZ(43.0947, 45.1179, 48.2568)
contains.

XYZ(43.1120, 45.2383, 48.0546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1120, 45.2383,
48.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B3B1
RGB	181, 179, 177
RGB Percent	71%, 70%, 69%
CMY	0.2902, 0.2980, 0.3059
CMYK	0.00, 0.01, 0.02, 0.29
HSL	30°, 3%, 70%
HSV	30°, 2%, 71%
XYZ	43.1120, 45.2383, 48.0546
YIQ	179.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

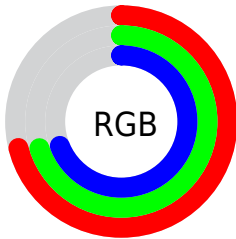
Format	Color
RYB	181, 181, 177
Decimal	11908017
CIELab	73.05, 0.34, 1.26
CIELCh	73, 1.304, 74.893
Yxy	45.2383, 0.3161, 0.3316
Android (android.graphics.Color)	4290098097 (0xFFB5B3B1)
YUV	179.3700, -1.1684, 1.4295
Hunter-Lab	67.2594, -3.2889, 4.7209

Details

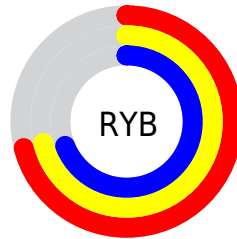
The XYZ color **43.1120, 45.2383, 48.0546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5921, 44.9230, 50.1429**, and the grayscale version is **43.0516, 45.2936, 49.3247**.

A 20% lighter version of the original color is **79.3414, 83.3044, 88.9884**, and **20.0010, 20.9661, 22.0615** is the 20% darker color. If you saturate the color by 10%, you get **39.6746, 41.0613, 38.5905**, and if you desaturate by 10%, it is **46.9100, 49.7523, 58.8206**.

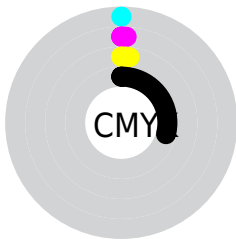
Distribution



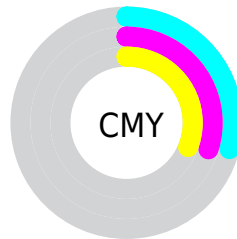
- Red (71%)
- Green (70%)
- Blue (69%)



- Red (71%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1120, 45.2383, 48.0546 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 43.1120, 45.2383, 48.0546 by changing the saturation by 10% instead.

■ 43.1120, 45.2383,
48.0546

■ 43.1120, 45.2383,
48.0546

349.9859,
367.7378, 395.5235

■ 30.1679, 31.6452,
33.5098

■ 79.1345, 83.0779,
88.6521

■ 20.1148, 21.0906,
22.2430

102.9436,
108.0931, 115.5419

■ 12.5872, 13.1903,
13.8355

131.1051,
137.6845, 147.3838

■ 7.2200, 7.5597,
7.8689

163.9844,
172.2365, 184.5963

■ 3.6476, 3.8145,
3.9246

201.9467,
212.1334, 227.5980

■ 1.5048, 1.5704,
1.5841

245.3575,

■ 0.3291, 0.3375,

257.7597, 276.8074

0.2794

294.5821,
309.4997, 332.6430

■ 0.0000, 0.0000,
0.0000

■ 43.1120, 45.2383,
48.0546

■ 43.1120, 45.2383,
48.0546

■ 39.6746, 41.0613,
38.5905

■ 46.9100, 49.7523,
58.8206

■ 36.5824, 37.2073,
30.3754

■ 51.0757, 54.6053,
70.9329

■ 33.8243, 33.6695,
23.3570

■ 55.6211, 59.8070,
84.4373

■ 31.3873, 30.4388,
17.4783

■ 60.5561, 65.3648,
99.3765

■ 29.2573, 27.5058,
12.6774

■ 63.8114, 70.4540,
104.8435

■ 27.4190, 24.8601,
8.8865

■ 66.3075, 75.4461,
105.6755

■ 25.8556, 22.4908,
6.0301

■ 68.9346, 80.7003,
106.5512

■ 24.5481, 20.3859,
4.0219

■ 71.6946, 86.2204,
107.4712

■ 23.4743, 18.5318,
2.7588

■ 72.8663, 88.5639,
107.8618

Harmonies

Analogous

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



43.3090, 45.2383, 48.3760



43.1120, 45.2383, 48.0546



42.8851, 45.2383, 48.0534

Triad

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



43.1120, 45.2383, 48.0546



42.5754, 45.2383, 49.5802



43.3078, 45.2383, 50.1516

Complementary

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



43.1120, 45.2383, 48.0546



42.5921, 44.9230, 50.1429

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.



43.1104, 45.2383, 50.4802



43.1120, 45.2383, 48.0546



42.6878, 45.2383, 50.1483

Square

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



43.1120, 45.2383, 48.0546



42.5758, 45.2383, 48.9303



42.8835, 45.2383, 50.4789



43.4223, 45.2383, 49.5848

Rectangle

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



43.1120, 45.2383, 48.0546



42.7474, 45.2383, 48.2342



42.8835, 45.2383, 50.4789



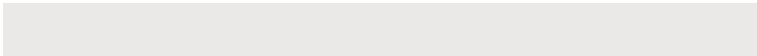
43.2489, 45.2383, 50.2938

Sweetspot

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



43.1133, 45.2403, 48.0556



77.9911, 81.9557, 88.2417



42.9156, 44.5234, 48.9805



16.8643, 17.7228, 19.0937



86.6293, 91.1408, 99.2523



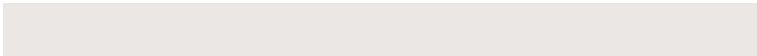
17.0014, 17.8868, 19.4787

Same Dimension

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



43.1133, 45.2403, 48.0556



76.6720, 80.3716, 84.5526



43.5164, 46.0465, 48.1900



9.2569, 9.6954, 10.1202



15.7642, 12.0270, 1.4906



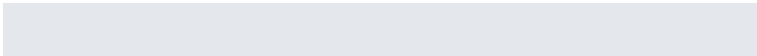
0.5543, 0.4951, 0.0663

Inverse Universe

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



42.5921, 44.9230, 50.1429



75.3908, 79.5916, 89.6838



42.1948, 44.1283, 50.0104



9.0678, 9.5802, 10.8776



8.3605, 7.5213, 31.1481



0.3214, 0.3534, 0.9995

Previews

White Background



This preview shows how the XYZ color 43.1120, 45.2383, 48.0546 looks on a white background.

Color Contrast Check

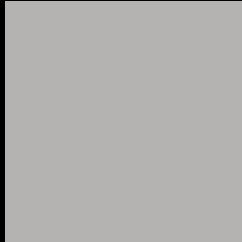
Large Text (above 18pt) WCAG AA × Fail

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 43.1120, 45.2383, 48.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

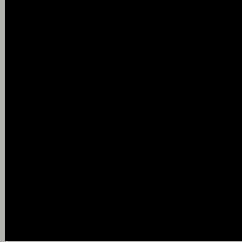
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

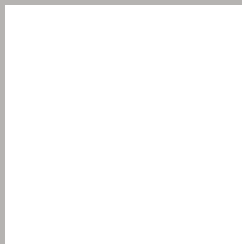
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1120, 45.2383, 48.0546

Background



This preview shows how black text looks on a background with the XYZ color 43.1120, 45.2383, 48.0546.



This preview shows how white text looks on a background with the XYZ color 43.1120, 45.2383,

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

43.1120, 45.2383, 48.0546

Protanopia

43.3846, 45.0824, 48.0101

Deuteranopia

46.0054, 44.9718, 48.3752



Tritanopia

44.6545, 45.2731, 55.6753

Trichromacy



Original Color

43.1120, 45.2383, 48.0546

Protanomaly

43.1476, 44.9602, 47.9990

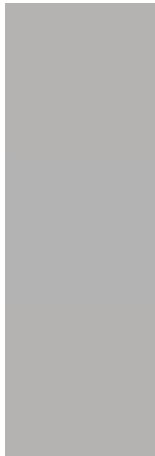
Deuteranomaly

44.8517, 44.9507, 48.4319

Tritanomaly

44.0747, 45.3310, 52.8812

Monochromacy



Original Color

43.1120, 45.2383, 48.0546

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9784, 45.1579, 48.5706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1120, 45.2383, 48.0546 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, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 177)  
}
```

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, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.1120, 45.2383, 48.0546 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, 179, 177) }
```


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

```
.border{ border-color:rgb(181, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1120, 45.2383, 48.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 177) }
```

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

```
.background{ background-color: rgb(181,  
179, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor