

Converting Colors

XYZ(43.1807, 45.2388, 49.6361)

Have a look what the booklet for
XYZ(43.1807, 45.2388, 49.6361)
contains.

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Color

**XYZ(43.1807, 45.2388,
49.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B3B4
RGB	180, 179, 180
RGB Percent	71%, 70%, 71%
CMY	0.2941, 0.2980, 0.2941
CMYK	0.00, 0.01, 0.00, 0.29
HSL	300°, 1%, 70%
HSV	300°, 1%, 71%
XYZ	43.1807, 45.2388, 49.6361
YIQ	179.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

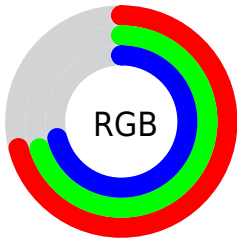
Format	Color
RYB	180, 179, 180
Decimal	11842484
CIELab	73.05, 0.54, -0.39
CIELCh	73, 0.670, 324.115
Yxy	45.2388, 0.3128, 0.3277
Android (android.graphics.Color)	4290032564 (0xFFB4B3B4)
YUV	179.4130, 0.2894, 0.5148
Hunter-Lab	67.2598, -3.1079, 3.3273

Details

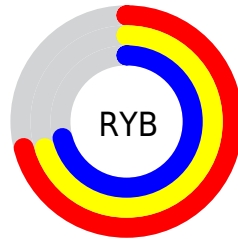
The XYZ color **43.1807, 45.2388, 49.6361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0501, 45.4821, 49.1601**, and the grayscale version is **43.0676, 45.3105, 49.3431**.

A 20% lighter version of the original color is **79.4407, 83.3057, 91.2495**, and **20.0440, 20.9660, 23.0691** is the 20% darker color. If you saturate the color by 10%, you get **39.8061, 38.4897, 48.5119**, and if you desaturate by 10%, it is **47.0288, 52.9336, 50.9192**.

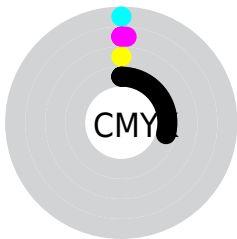
Distribution



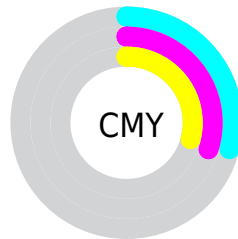
- Red (71%)
- Green (70%)
- Blue (71%)



- Red (71%)
- Yellow (70%)
- Blue (71%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1807, 45.2388, 49.6361 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 43.1807, 45.2388, 49.6361 by changing the saturation by 10% instead.

■ 43.1807, 45.2388,
49.6361

■ 43.1807, 45.2388,
49.6361

350.2633,
367.7398, 401.9354

■ 30.2221, 31.6456,
34.7552

■ 79.2375, 83.0786,
91.0262

■ 20.1561, 21.0909,
23.1923

103.0663,
108.0940, 118.3725

■ 12.6175, 13.1905,
14.5289

131.2493,
137.6856, 150.7110

■ 7.2409, 7.5598,
8.3465

164.1517,
172.2377, 188.4602

■ 3.6609, 3.8146,
4.2265

202.1390,
212.1348, 232.0387

■ 1.5121, 1.5704,
1.7504

245.5764,

■ 0.3341, 0.3375,

257.7613, 281.8651

0.3950

294.8294,
309.5015, 338.3578

■ 0.0000, 0.0000,
0.0000

■ 43.1807, 45.2388,
49.6361

■ 43.1807, 45.2388,
49.6361

■ 39.8061, 38.4897,
48.5119

■ 47.0288, 52.9336,
50.9192

■ 36.8830, 32.6444,
47.5377

■ 51.3637, 61.6026,
52.3640

■ 34.3935, 27.6662,
46.7081

■ 56.2029, 71.2802,
53.9769

■ 32.3169, 23.5138,
46.0160

■ 61.5619, 81.9973,
55.7631

■ 30.6309, 20.1427,
45.4542

■ 62.8237, 84.5202,
56.1836

■ 29.3112, 17.5040,
45.0144

■ 62.8243, 84.5205,
56.1836

■ 28.3304, 15.5433,
44.6877

■ 62.8248, 84.5208,
56.1836

■ 27.6577, 14.1988,
44.4636

■ 62.8254, 84.5210,
56.1836

■ 27.2565, 13.3972,
44.3300

■ 62.8259, 84.5213,
56.1837

Harmonies

Analogous

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



43.0901, 45.2388, 49.8479



43.1807, 45.2388, 49.6361



43.2224, 45.2388, 49.3235

Triad

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



43.1807, 45.2388, 49.6361



43.0212, 45.2388, 48.6191



42.7931, 45.2388, 49.5211

Complementary

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



43.1807, 45.2388, 49.6361



43.0501, 45.4821, 49.1601

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.



42.7747, 45.2388, 49.1913



43.1807, 45.2388, 49.6361



42.9062, 45.2388, 48.6715

Square

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



43.1807, 45.2388, 49.6361



43.1302, 45.2388, 48.7371



42.8161, 45.2388, 48.8806



42.8664, 45.2388, 49.7814

Rectangle

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



43.1807, 45.2388, 49.6361



43.2167, 45.2388, 49.1004



42.8161, 45.2388, 48.8806



42.7803, 45.2388, 49.4147

Sweetspot

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



43.1820, 45.2407, 49.6371



78.6606, 82.7571, 90.1225



42.9541, 45.1282, 49.6274



17.0014, 17.8868, 19.4787



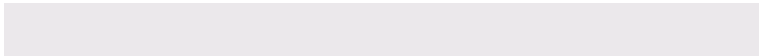
86.6293, 91.1408, 99.2523

Same Dimension

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



43.1820, 45.2407, 49.6371



77.9947, 81.4255, 89.9005



43.1330, 45.2212, 49.3790



9.4767, 9.9000, 10.9177



18.8828, 9.0703, 30.8925



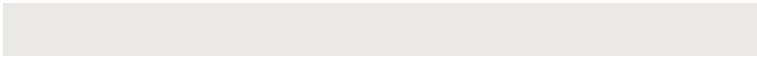
0.5942, 0.2854, 0.9720

Inverse Universe

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



43.0808, 45.2003, 49.1042



77.6588, 81.2911, 88.1312



43.0989, 45.5016, 49.4172



9.4393, 9.8850, 10.7209



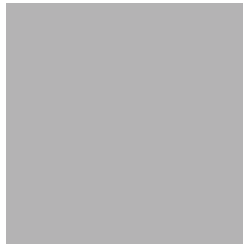
13.1370, 6.7723, 0.6154



0.4134, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 43.1807, 45.2388, 49.6361 looks on a white background.

Color Contrast Check

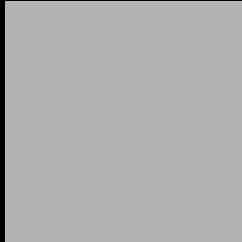
Large Text (above 18pt) WCAG AA × Fail

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 43.1807, 45.2388, 49.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

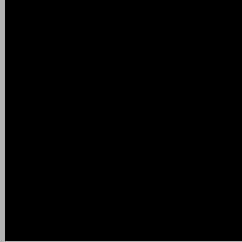
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1807, 45.2388, 49.6361

Background



This preview shows how black text looks on a background with the XYZ color 43.1807, 45.2388, 49.6361.

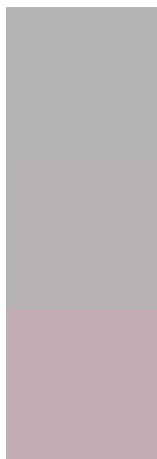


This preview shows how white text looks on a background with the XYZ color 43.1807, 45.2388,

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

43.1807, 45.2388, 49.6361

Protanopia

43.4500, 45.0812, 49.5915

Deuteranopia

46.2415, 45.3441, 50.0312



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

43.1807, 45.2388, 49.6361

Protanomaly

43.2147, 44.9598, 49.5805

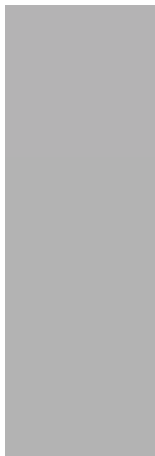
Deuteranomaly

45.1010, 45.3340, 50.0893

Tritanomaly

43.9461, 45.2524, 53.4321

Monochromacy



Original Color

43.1807, 45.2388, 49.6361

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8472, 45.0786, 49.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1807, 45.2388, 49.6361 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, 179, 180) looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 180)  
}
```

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, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.1807, 45.2388, 49.6361 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, 179, 180) }
```

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

```
.border{ border-color:rgb(180, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
180) }
```


Background

The CSS property to change the background color of an element to XYZ 43.1807, 45.2388, 49.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 180) }
```

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

```
.background{ background-color: rgb(180,  
179, 180) }
```

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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