

Converting Colors

XYZ(43.5983, 45.9567, 49.5290)

Have a look what the booklet for
XYZ(43.5983, 45.9567, 49.5290)
contains.

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Color

**XYZ(43.8181, 46.1668,
49.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B5B4
RGB	181, 181, 180
RGB Percent	71%, 71%, 71%
CMY	0.2902, 0.2902, 0.2941
CMYK	0.00, 0.00, 0.01, 0.29
HSL	60°, 1%, 71%
HSV	60°, 1%, 71%
XYZ	43.8181, 46.1668, 49.7816
YIQ	180.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

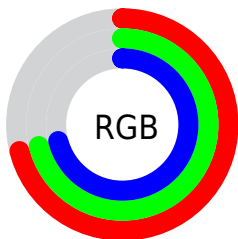
Format	Color
RYB	180, 181, 180
Decimal	11908532
CIELab	73.65, -0.18, 0.50
CIELCh	74, 0.532, 110.029
Yxy	46.1668, 0.3135, 0.3303
Android (android.graphics.Color)	4290098612 (0xFFB5B5B4)
YUV	180.8860, -0.4368, 0.1000
Hunter-Lab	67.9462, -3.7921, 4.1227

Details

The XYZ color **43.8181, 46.1668, 49.7816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4860, 45.6833, 50.2443**, and the grayscale version is **43.8626, 46.1469, 50.2540**.

A 20% lighter version of the original color is **80.3496, 84.6290, 91.4570**, and **20.4520, 21.5598, 23.1622** is the 20% darker color. If you saturate the color by 10%, you get **42.0787, 45.4707, 40.6951**, and if you desaturate by 10%, it is **45.8010, 46.9632, 60.1384**.

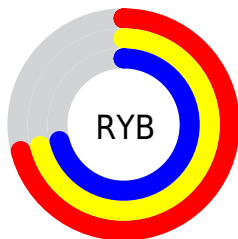
Distribution



Red (71%)

Green (71%)

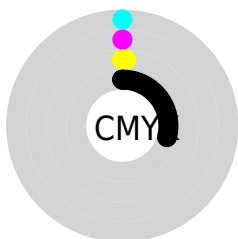
Blue (71%)



Red (71%)

Yellow (71%)

Blue (71%)

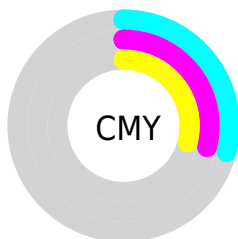


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8181, 46.1668, 49.7816 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 43.8181, 46.1668, 49.7816 by changing the saturation by 10% instead.

■ 43.8181, 46.1668,
49.7816

■ 43.8181, 46.1668,
49.7816

352.8302,
371.4788, 402.5218

■ 30.7248, 32.3775,
34.8699

■ 80.1920, 84.4686,
91.2442

■ 20.5402, 21.6500,
23.2799

104.2033,
109.7498, 118.6322

■ 12.8989, 13.5999,
14.5931

132.5847,
139.6305, 151.0160

■ 7.4355, 7.8429,
8.3909

165.7016,
174.4949, 188.8142

■ 3.7846, 3.9946,
4.2547

203.9192,
214.7276, 232.4454

■ 1.5810, 1.6706,
1.7661

247.6029,

■ 0.3800, 0.4045,

260.7129, 282.3280

0.4055

297.1182,
312.8352, 338.8806

■ 0.0000, 0.0000,
0.0000

■ 43.8181, 46.1668,
49.7816

■ 43.8181, 46.1668,
49.7816

■ 42.0787, 45.4707,
40.6951

■ 45.8010, 46.9632,
60.1384

■ 40.5695, 44.8653,
32.8272

■ 48.0322, 47.8574,
71.8087

■ 39.2821, 44.3486,
26.1270

■ 50.5214, 48.8548,
84.8372

■ 38.2059, 43.9164,
20.5389

■ 53.2764, 49.9586,
99.2657

■ 37.3295, 43.5641,
16.0027

■ 53.7070, 50.1326,
101.4536

■ 36.6404, 43.2867,
12.4525

■ 53.7222, 50.1404,
101.4543

■ 36.1245, 43.0786,
9.8153

■ 53.7374, 50.1483,
101.4551

■ 35.7663, 42.9335,
8.0075

■ 53.7526, 50.1561,
101.4558

■ 35.5468, 42.8440,
6.9305

■ 53.7679, 50.1640,
101.4565

Harmonies

Analogous

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



43.9116, 46.1668, 49.7582



43.8181, 46.1668, 49.7816



43.7414, 46.1668, 49.9350

Triad

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



43.8181, 46.1668, 49.7816



43.7638, 46.1668, 50.6667



44.0589, 46.1668, 50.3577

Complementary

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



43.8181, 46.1668, 49.7816



43.4860, 45.6833, 50.2443

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.



44.0192, 46.1668, 50.6021



43.8181, 46.1668, 49.7816



43.8488, 46.1668, 50.7809

Square

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



43.8181, 46.1668, 49.7816



43.7101, 46.1668, 50.4458



43.9423, 46.1668, 50.7571



44.0507, 46.1668, 50.0902

Rectangle

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



43.8181, 46.1668, 49.7816



43.7100, 46.1668, 50.0907



43.9423, 46.1668, 50.7571



44.0508, 46.1668, 50.4453

Sweetspot

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



43.8194, 46.1688, 49.7826



78.6606, 82.7571, 90.1225



43.6170, 45.7626, 49.7149



17.0014, 17.8868, 19.4787



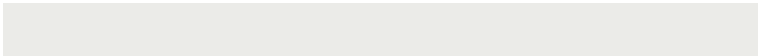
86.6293, 91.1408, 99.2523

Same Dimension

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



43.8194, 46.1688, 49.7826



78.3218, 82.6212, 88.3527



43.7028, 46.1087, 49.7771



9.5131, 10.0330, 10.7455



24.4251, 29.5017, 4.4071



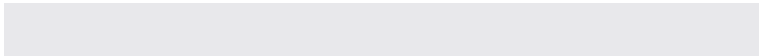
0.7695, 0.9287, 0.1387

Inverse Universe

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



43.4860, 45.6833, 50.2443



77.2298, 81.0311, 89.8647



43.6021, 45.7432, 50.2497



9.3916, 9.8561, 10.9138



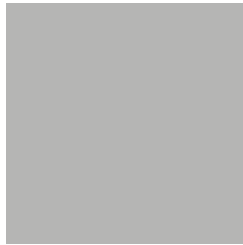
5.7566, 2.3034, 30.2782



0.1821, 0.0730, 0.9527

Previews

White Background



This preview shows how the XYZ color 43.8181, 46.1668, 49.7816 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 43.8181, 46.1668, 49.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

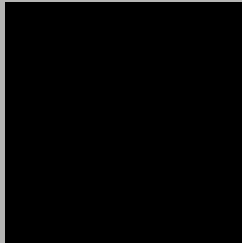
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

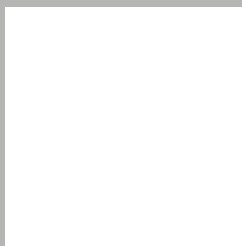
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8181, 46.1668, 49.7816

Background



This preview shows how black text looks on a background with the XYZ color 43.8181, 46.1668, 49.7816.

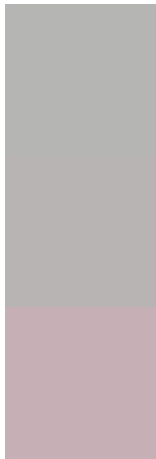


This preview shows how white text looks on a background with the XYZ color 43.8181, 46.1668,

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

43.8181, 46.1668, 49.7816

Protanopia

44.2251, 46.0875, 49.2127

Deuteranopia

46.9592, 46.0019, 50.1203



Tritanopia

45.2742, 46.1577, 56.9752

Trichromacy



Original Color

43.8181, 46.1668, 49.7816

Protanomaly

43.9864, 45.9645, 49.2015

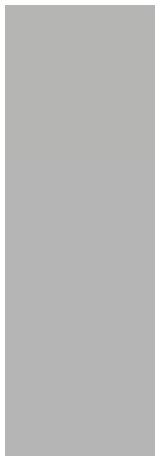
Deuteranomaly

45.8009, 45.9869, 50.1785

Tritanomaly

44.6898, 46.2184, 54.1426

Monochromacy



Original Color

43.8181, 46.1668, 49.7816

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9204, 46.2077, 50.3202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8181, 46.1668, 49.7816 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, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 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(181, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.8181, 46.1668, 49.7816 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, 181, 180) }
```

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

```
.border{ border-color:rgb(181, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
180) }
```


Background

The CSS property to change the background color of an element to XYZ 43.8181, 46.1668, 49.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 180) }
```

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

```
.background{ background-color: rgb(181,  
181, 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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