

Converting Colors

XYZ(43.5648, 46.2880, 50.3676)

Have a look what the booklet for
XYZ(43.5648, 46.2880, 50.3676)
contains.

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Color

**XYZ(43.6588, 46.3758,
50.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B6B5
RGB	179, 182, 181
RGB Percent	70%, 71%, 71%
CMY	0.2980, 0.2863, 0.2902
CMYK	0.02, 0.00, 0.01, 0.29
HSL	160°, 2%, 71%
HSV	160°, 2%, 71%
XYZ	43.6588, 46.3758, 50.3664
YIQ	180.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

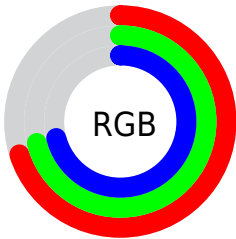
Format	Color
R_{YB}	179, 181, 182
Decimal	11777717
CIE Lab	73.79, -1.23, 0.13
CIE LCh	74, 1.240, 173.895
Yxy	46.3758, 0.3110, 0.3303
Android (android.graphics.Color)	4289967797 (0xFFB3B6B5)
YUV	180.9890, 0.0054, -1.7444
Hunter-Lab	68.0998, -4.7382, 3.8191

Details

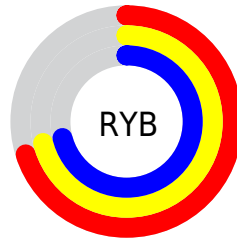
The XYZ color **43.6588, 46.3758, 50.3664** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6514, 45.4817, 49.6604**, and the grayscale version is **43.9167, 46.2038, 50.3159**.

A 20% lighter version of the original color is **80.1215, 84.9257, 92.2902**, and **20.3507, 21.6946, 23.5370** is the 20% darker color. If you saturate the color by 10%, you get **39.1169, 44.1062, 46.9690**, and if you desaturate by 10%, it is **48.7859, 48.9465, 53.9352**.

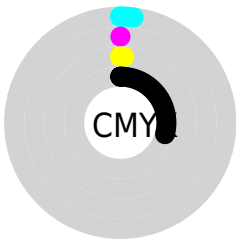
Distribution



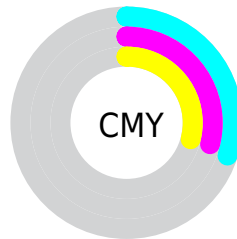
- Red (70%)
- Green (71%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6588, 46.3758, 50.3664 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 43.6588, 46.3758, 50.3664 by changing the saturation by 10% instead.

■ 43.6588, 46.3758,
50.3664

■ 43.6588, 46.3758,
50.3664

352.1899,
372.3174, 404.8731

■ 30.5991, 32.5425,
35.3314

■ 79.9536, 84.7811,
92.1194

■ 20.4441, 21.7762,
23.6327

103.9194,
110.1219, 119.6745

■ 12.8284, 13.6925,
14.8517

132.2514,
140.0673, 152.2400

■ 7.3867, 7.9071,
8.5699

165.3147,
175.0018, 190.2345

■ 3.7536, 4.0356,
4.3688

203.4749,
215.3096, 234.0765

■ 1.5637, 1.6935,
1.8297

247.0973,

■ 0.3686, 0.4194,

261.3752, 284.1846

0.4475

296.5471,
313.5830, 340.9773

■ 0.0000, 0.0000,
0.0000

■ 43.6588, 46.3758,
50.3664

■ 43.6588, 46.3758,
50.3664

■ 39.1169, 44.1062,
46.9690

■ 48.7859, 48.9465,
53.9352

■ 35.1341, 42.1204,
43.7372

■ 54.5148, 51.8231,
57.6750

■ 31.6886, 40.4085,
40.6690

■ 60.8667, 55.0175,
61.5896

■ 28.7553, 38.9577,
37.7614

■ 67.8602, 58.5395,
65.6815

■ 26.3072, 37.7539,
35.0112

■ 69.7766, 59.4408,
69.6848

■ 24.3145, 36.7821,
32.4152

■ 70.5553, 59.7523,
73.7854

■ 22.7443, 36.0251,
29.9697

■ 71.3631, 60.0754,
78.0395

■ 21.5590, 35.4637,
27.6711

■ 72.2005, 60.4104,
82.4489

■ 20.7137, 35.0748,
25.5150

■ 73.0676, 60.7572,
87.0149

Harmonies

Analogous

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



43.7373, 46.3758, 49.7836



43.6588, 46.3758, 50.3664



43.6925, 46.3758, 50.9885

Triad

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



43.6588, 46.3758, 50.3664



44.2507, 46.3758, 51.6131



44.3290, 46.3758, 49.5212

Complementary

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



43.6588, 46.3758, 50.3664



43.6514, 45.4817, 49.6604

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.



44.4674, 46.3758, 50.0054



43.6588, 46.3758, 50.3664



44.4221, 46.3758, 51.2139

Square

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



43.6588, 46.3758, 50.3664



44.0338, 46.3758, 51.7117



44.5015, 46.3758, 50.6245



44.1239, 46.3758, 49.2982

Rectangle

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



43.6588, 46.3758, 50.3664



43.7741, 46.3758, 51.3415



44.5015, 46.3758, 50.6245



44.3849, 46.3758, 49.6586

Sweetspot

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



43.6601, 46.3778, 50.3674



80.6108, 84.8088, 92.3568



43.7002, 46.4220, 49.3055



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



43.6601, 46.3778, 50.3674



78.8159, 83.9102, 91.0688



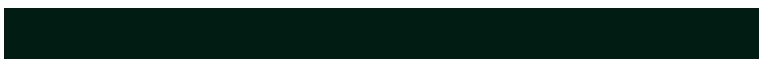
43.6713, 46.2349, 50.8809



9.9192, 10.5501, 11.4534



14.2912, 24.6174, 16.9875



0.5313, 0.8788, 0.7435

Inverse Universe

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



43.6514, 45.4817, 49.6604



78.7965, 81.9130, 89.4930



43.6400, 45.6218, 49.1542



9.9169, 10.3193, 11.2713



14.2422, 7.2706, 3.8962



0.5316, 0.2681, 0.2928

Previews

White Background



This preview shows how the XYZ color 43.6588, 46.3758, 50.3664 looks on a white background.

Color Contrast Check

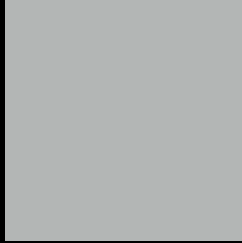
Large Text (above 18pt) WCAG AA × Fail

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 43.6588, 46.3758, 50.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

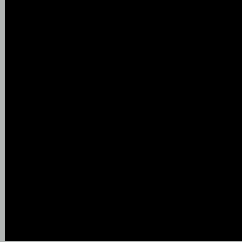
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

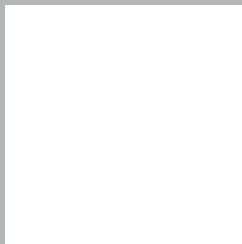
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6588, 46.3758, 50.3664

Background



This preview shows how black text looks on a background with the XYZ color 43.6588, 46.3758, 50.3664.



This preview shows how white text looks on a background with the XYZ color 43.6588, 46.3758,

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

43.6588, 46.3758, 50.3664

Protanopia

44.5671, 46.2521, 49.7586

Deuteranopia

47.0622, 46.0431, 50.6627



Tritanopia

45.1149, 46.3613, 57.6098

Trichromacy



Original Color

43.6588, 46.3758, 50.3664

Protanomaly

44.2905, 46.4103, 49.8037

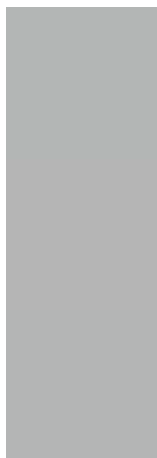
Deuteranomaly

45.8497, 46.2946, 50.7752

Tritanomaly

44.5316, 46.4252, 54.7580

Monochromacy



Original Color

43.6588, 46.3758, 50.3664

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6868, 46.0872, 50.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6588, 46.3758, 50.3664 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(179, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 181)  
}
```

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(179, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.6588, 46.3758, 50.3664 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(179, 182, 181) }
```

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

```
.border{ border-color:rgb(179, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
181) }
```


Background

The CSS property to change the background color of an element to XYZ 43.6588, 46.3758, 50.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 181) }
```

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

```
.background{ background-color: rgb(179,  
182, 181) }
```

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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