

Converting Colors

XYZ(43.6868, 46.0872, 50.3092)

Have a look what the booklet for
XYZ(43.6868, 46.0872, 50.3092)
contains.

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Color

**XYZ(43.6868, 46.0872,
50.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B5B5
RGB	180, 181, 181
RGB Percent	71%, 71%, 71%
CMY	0.2941, 0.2902, 0.2902
CMYK	0.01, 0.00, 0.00, 0.29
HSL	180°, 1%, 71%
HSV	180°, 1%, 71%
XYZ	43.6868, 46.0872, 50.3092
YIQ	180.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

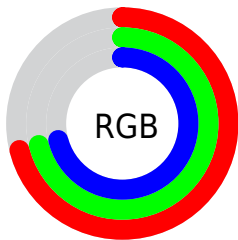
Format	Color
R _Y B	180, 181, 181
Decimal	11842997
CIE Lab	73.60, -0.35, -0.13
CIE LCh	74, 0.370, 200.771
Yxy	46.0872, 0.3119, 0.3290
Android (android.graphics.Color)	4290033077 (0xFFB4B5B5)
YUV	180.7010, 0.1474, -0.6148
Hunter-Lab	67.8876, -3.9354, 3.5834

Details

The XYZ color **43.6868, 46.0872, 50.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6173, 45.7629, 49.7167**, and the grayscale version is **43.7601, 46.0390, 50.1365**.

A 20% lighter version of the original color is **80.1623, 84.5157, 92.2089**, and **20.3678, 21.5089, 23.5002** is the 20% darker color. If you saturate the color by 10%, you get **39.7401, 44.0545, 50.0970**, and if you desaturate by 10%, it is **48.1864, 48.4075, 50.5491**.

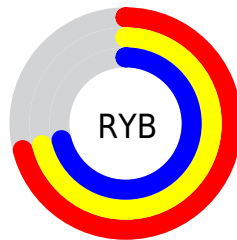
Distribution



Red (71%)

Green (71%)

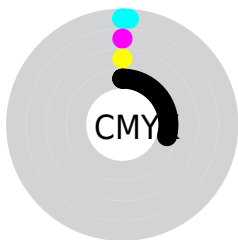
Blue (71%)



Red (71%)

Yellow (71%)

Blue (71%)

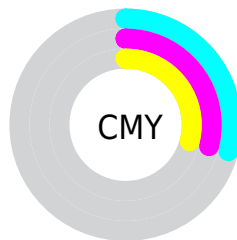


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6868, 46.0872, 50.3092 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 43.6868, 46.0872, 50.3092 by changing the saturation by 10% instead.

■ 43.6868, 46.0872,
50.3092

■ 43.6868, 46.0872,
50.3092

352.3025,
371.1591, 404.6435

■ 30.6212, 32.3146,
35.2862

■ 79.9955, 84.3495,
92.0338

■ 20.4610, 21.6019,
23.5981

103.9694,
109.6080, 119.5726

■ 12.8408, 13.5647,
14.8263

132.3100,
139.4639, 152.1204

■ 7.3952, 7.8185,
8.5523

165.3828,
174.3017, 190.0958

■ 3.7590, 3.9791,
4.3576

203.5531,
214.5057, 233.9172

■ 1.5667, 1.6619,
1.8235

247.1862,

■ 0.3706, 0.3988,

260.4604, 284.0033

0.4434

296.6476,
312.5500, 340.7725

■ 0.0000, 0.0000,
0.0000

■ 43.6868, 46.0872,
50.3092

■ 43.6868, 46.0872,
50.3092

■ 39.7401, 44.0545,
50.0970

■ 48.1864, 48.4075,
50.5491

■ 36.3213, 42.2927,
49.9086

■ 53.2550, 51.0198,
50.8148

■ 33.4091, 40.7920,
49.7440

■ 58.9129, 53.9360,
51.1080

■ 30.9794, 39.5401,
49.6019

■ 65.1782, 57.1652,
51.4297

■ 29.0061, 38.5235,
49.4812

■ 66.1326, 57.6566,
51.5028

■ 27.4606, 37.7274,
49.3805

■ 66.1380, 57.6588,
51.5315

■ 26.3112, 37.1355,
49.2983

■ 66.1435, 57.6609,
51.5603

■ 25.5217, 36.7291,
49.2330

■ 66.1490, 57.6631,
51.5890

■ 25.0493, 36.4862,
49.1826

■ 66.1544, 57.6653,
51.6178

Harmonies

Analogous

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



43.6803, 46.0872, 50.1233



43.6868, 46.0872, 50.3092



43.7249, 46.0872, 50.4612

Triad

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



43.6868, 46.0872, 50.3092



43.9022, 46.0872, 50.4097



43.8247, 46.0872, 49.8258

Complementary

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



43.6868, 46.0872, 50.3092



43.6173, 45.7629, 49.7167

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.



43.8842, 46.0872, 49.9021



43.6868, 46.0872, 50.3092



43.9290, 46.0872, 50.2390

Square

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



43.6868, 46.0872, 50.3092



43.8492, 46.0872, 50.5193



43.9224, 46.0872, 50.0533



43.7598, 46.0872, 49.8445

Rectangle

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



43.6868, 46.0872, 50.3092



43.7630, 46.0872, 50.5226



43.9224, 46.0872, 50.0533



43.8460, 46.0872, 49.8412

Sweetspot

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



43.6881, 46.0892, 50.3102



78.6606, 82.7571, 90.1225



43.5898, 46.0503, 49.7721



17.0014, 17.8868, 19.4787



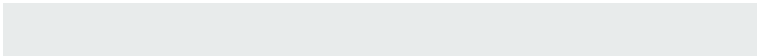
86.6293, 91.1408, 99.2523

Same Dimension

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



43.6881, 46.0892, 50.3102



77.8918, 82.3609, 90.0813



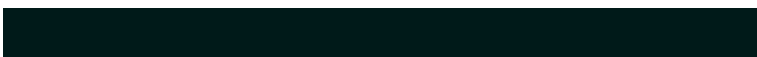
43.5900, 45.8926, 50.2790



9.4652, 10.0041, 10.9379



17.1040, 25.0676, 33.8802



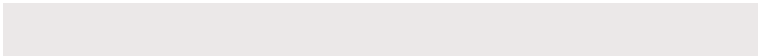
0.5385, 0.7889, 1.0678

Inverse Universe

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



43.6173, 45.7629, 49.7167



77.6598, 81.2915, 88.1361



43.7150, 45.9588, 49.7478



9.4394, 9.8851, 10.7214



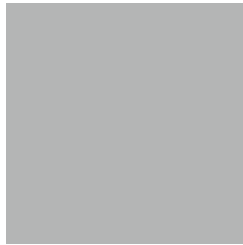
13.1393, 6.7733, 0.6277



0.4138, 0.2132, 0.0215

Previews

White Background



This preview shows how the XYZ color 43.6868, 46.0872, 50.3092 looks on a white background.

Color Contrast Check

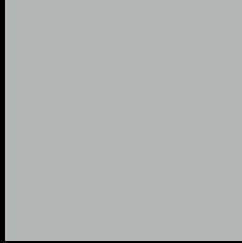
Large Text (above 18pt) WCAG AA × Fail

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 43.6868, 46.0872, 50.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

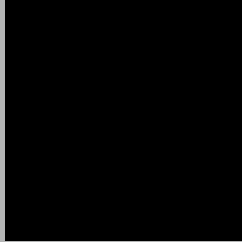
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

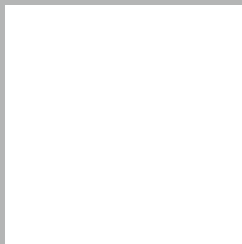
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6868, 46.0872, 50.3092

Background



This preview shows how black text looks on a background with the XYZ color 43.6868, 46.0872, 50.3092.

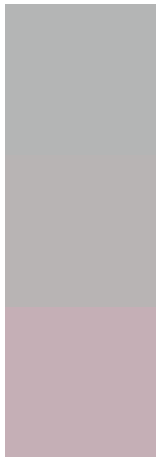


This preview shows how white text looks on a background with the XYZ color 43.6868, 46.0872,

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

43.6868, 46.0872, 50.3092

Protanopia

44.3266, 46.1282, 49.7474

Deuteranopia

46.7994, 45.9077, 50.6504



Tritanopia

45.0371, 46.0355, 56.9641

Trichromacy



Original Color

43.6868, 46.0872, 50.3092

Protanomaly

44.0879, 46.0051, 49.7362

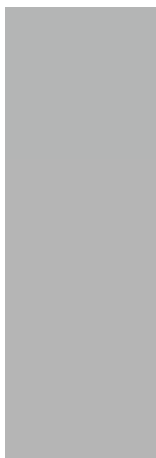
Deuteranomaly

45.6515, 45.8980, 50.7091

Tritanomaly

44.5626, 46.1404, 54.7014

Monochromacy



Original Color

43.6868, 46.0872, 50.3092

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 43.6868, 46.0872, 50.3092 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, 181, 181)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 43.6868, 46.0872, 50.3092 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, 181, 181) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 43.6868, 46.0872, 50.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(180,  
181, 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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