

Converting Colors

XYZ(44.4010, 46.1231, 50.4619)

Have a look what the booklet for
XYZ(44.4010, 46.1231, 50.4619)
contains.

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Color

**XYZ(44.4289, 46.1691,
50.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B4B5
RGB	184, 180, 181
RGB Percent	72%, 71%, 71%
CMY	0.2784, 0.2941, 0.2902
CMYK	0.00, 0.02, 0.02, 0.28
HSL	345°, 3%, 71%
HSV	345°, 2%, 72%
XYZ	44.4289, 46.1691, 50.2859
YIQ	181.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

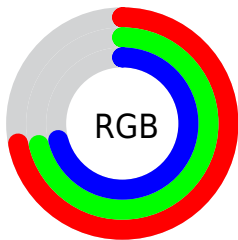
Format	Color
RYB	184, 180, 181
Decimal	12104885
CIELab	73.66, 1.60, -0.02
CIELCh	74, 1.598, 359.427
Yxy	46.1691, 0.3154, 0.3277
Android (android.graphics.Color)	4290294965 (0xFFB8B4B5)
YUV	181.3100, -0.1528, 2.3591
Hunter-Lab	67.9478, -2.1934, 3.6850

Details

The XYZ color **44.4289, 46.1691, 50.2859** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5119, 47.4043, 51.6061**, and the grayscale version is **44.0899, 46.3860, 50.5143**.

A 20% lighter version of the original color is **81.2167, 84.6306, 92.1755**, and **20.8457, 21.5626, 23.4854** is the 20% darker color. If you saturate the color by 10%, you get **39.6108, 38.6891, 42.0312**, and if you desaturate by 10%, it is **49.8833, 54.6956, 59.4470**.

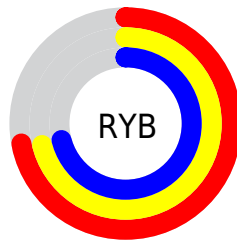
Distribution



Red (72%)

Green (71%)

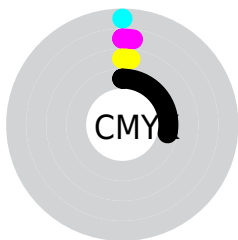
Blue (71%)



Red (72%)

Yellow (71%)

Blue (71%)

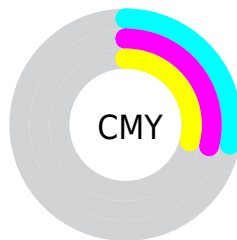


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4289, 46.1691, 50.2859 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 44.4289, 46.1691, 50.2859 by changing the saturation by 10% instead.

■ 44.4289, 46.1691,
50.2859

■ 44.4289, 46.1691,
50.2859

355.2784,
371.4881, 404.5500

■ 31.2072, 32.3793,
35.2678

■ 81.1051, 84.4720,
91.9990

■ 20.9093, 21.6514,
23.5841

105.2903,
109.7539, 119.5311

■ 13.1698, 13.6010,
14.8160

133.8607,
139.6353, 152.0717

■ 7.6234, 7.8437,
8.5452

167.1817,
174.5005, 190.0392

■ 3.9047, 3.9951,
4.3530

205.6186,
214.7340, 233.8523

■ 1.6483, 1.6708,
1.8209

249.5368,

■ 0.4236, 0.4046,

260.7202, 283.9294

0.4417

299.3016,
312.8434, 340.6891

■ 0.0000, 0.0000,
0.0000

■ 44.4289, 46.1691,
50.2859

■ 44.4289, 46.1691,
50.2859

■ 39.6108, 38.6891,
42.0312

■ 49.8833, 54.6956,
59.4470

■ 35.4016, 32.2092,
34.6521

■ 55.9921, 64.3005,
69.5381

■ 31.7780, 26.6889,
28.1203

■ 62.7778, 75.0219,
80.5858

■ 28.7133, 22.0821,
22.4048

■ 70.2603, 86.8942,
92.6146

■ 26.1789, 18.3392,
17.4728

■ 72.7920, 88.6163,
103.7591

■ 24.1437, 15.4057,
13.2891

■ 73.5774, 88.9305,
107.8951

■ 22.5730, 13.2211,
9.8156

■ 21.4275, 11.7160,
7.0110

■ 20.6609, 10.8079,
4.8286

Harmonies

Analogous

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



44.3527, 46.1691, 51.0674



44.4289, 46.1691, 50.2859



44.3582, 46.1691, 49.5083

Triad

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



44.4289, 46.1691, 50.2859



43.6155, 46.1691, 48.9247



43.6061, 46.1691, 51.6245

Complementary

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



44.4289, 46.1691, 50.2859



44.5119, 47.4043, 51.6061

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.



43.4099, 46.1691, 51.0401



44.4289, 46.1691, 50.2859



43.4154, 46.1691, 49.4815

Square

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



44.4289, 46.1691, 50.2859



43.8878, 46.1691, 48.7275



43.3403, 46.1691, 50.2547



43.8769, 46.1691, 51.8453

Rectangle

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



44.4289, 46.1691, 50.2859



44.2373, 46.1691, 49.0955



43.3403, 46.1691, 50.2547



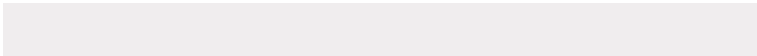
43.5293, 46.1691, 51.4637

Sweetspot

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



44.4302, 46.1711, 50.2869



81.6234, 85.3840, 92.9912



44.5029, 46.1726, 51.9146



17.6072, 18.4239, 20.0653



88.6918, 93.3107, 101.6153



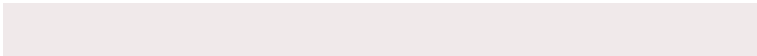
17.8044, 18.7317, 20.3988

Same Dimension

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



44.4302, 46.1711, 50.2869



79.7283, 82.4309, 89.7784



44.5307, 46.5352, 49.8176



9.6989, 9.9875, 10.8774



13.9861, 7.1682, 2.5478



0.5186, 0.2629, 0.2243

Inverse Universe

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



44.4302, 46.1711, 50.2869



79.7283, 82.4309, 89.7784



44.4092, 47.0323, 52.0855



9.6989, 9.9875, 10.8774



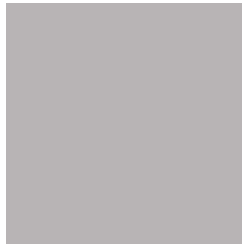
13.9861, 7.1682, 2.5478



0.5186, 0.2629, 0.2243

Previews

White Background



This preview shows how the XYZ color 44.4289, 46.1691, 50.2859 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 44.4289, 46.1691, 50.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

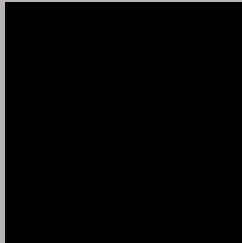
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

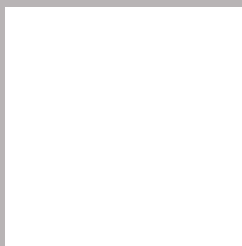
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4289, 46.1691, 50.2859

Background



This preview shows how black text looks on a background with the XYZ color 44.4289, 46.1691, 50.2859.

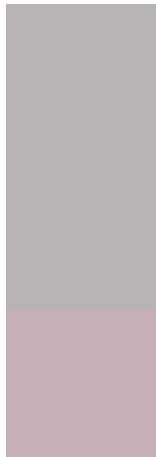


This preview shows how white text looks on a background with the XYZ color 44.4289, 46.1691,

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

44.4289, 46.1691, 50.2859

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

47.0622, 46.0431, 50.6627



Tritanopia

45.6845, 46.0857, 56.3568

Trichromacy



Original Color

44.4289, 46.1691, 50.2859

Protanomaly

44.4289, 46.1691, 50.2859

Deuteranomaly

46.1580, 46.1591, 50.7328

Tritanomaly

45.2048, 46.1853, 54.1091

Monochromacy



Original Color

44.4289, 46.1691, 50.2859

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.1558, 46.3290, 50.3312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4289, 46.1691, 50.2859 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(184, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 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(184, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 181) }
```

Border

The CSS property to change the border of an element to XYZ 44.4289, 46.1691, 50.2859 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(184, 180, 181) }
```


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

```
.border{ border-color:rgb(184, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4289, 46.1691, 50.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 181) }
```

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

```
.background{ background-color: rgb(184,  
180, 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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