

Converting Colors

XYZ(46.2238, 48.7946, 53.5201)

Have a look what the booklet for
XYZ(46.2238, 48.7946, 53.5201)
contains.

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Color

**XYZ(46.1890, 48.8533,
53.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BABA
RGB	184, 186, 186
RGB Percent	72%, 73%, 73%
CMY	0.2784, 0.2706, 0.2706
CMYK	0.01, 0.00, 0.00, 0.27
HSL	180°, 1%, 73%
HSV	180°, 1%, 73%
XYZ	46.1890, 48.8533, 53.4496
YIQ	185.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

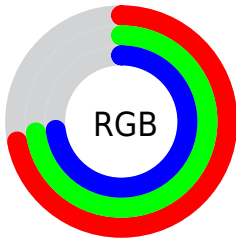
Format	Color
RYB	184, 185, 186
Decimal	12106426
CIELab	75.36, -0.69, -0.25
CIELCh	75, 0.737, 200.060
Yxy	48.8533, 0.3111, 0.3290
Android (android.graphics.Color)	4290296506 (0xFFB8BABA)
YUV	185.4020, 0.2948, -1.2296
Hunter-Lab	69.8951, -4.3578, 3.5869

Details

The XYZ color **46.1890, 48.8533, 53.4496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0437, 48.1821, 52.2231**, and the grayscale version is **46.3380, 48.7512, 53.0900**.

A 20% lighter version of the original color is **83.7143, 88.4403, 96.6629**, and **21.9812, 23.2938, 25.5279** is the 20% darker color. If you saturate the color by 10%, you get **42.0205, 46.7061, 53.2400**, and if you desaturate by 10%, it is **50.9462, 51.3067, 53.6888**.

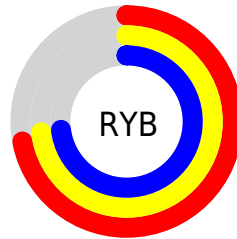
Distribution



Red (72%)

Green (73%)

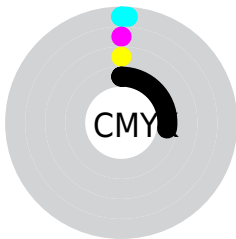
Blue (73%)



Red (72%)

Yellow (73%)

Blue (73%)

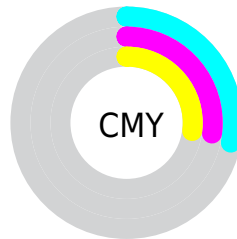


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1890, 48.8533, 53.4496 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 46.1890, 48.8533, 53.4496 by changing the saturation by 10% instead.

■ 46.1890, 48.8533,
53.4496

■ 46.1890, 48.8533,
53.4496

362.2712,
382.1645, 417.1228

■ 32.6002, 34.5031,
37.7716

■ 83.7279, 88.4735,
96.7139

■ 21.9781, 23.2804,
25.5050

108.4088,
114.5124, 125.1372

■ 13.9574, 14.8007,
16.2313

137.5177,
145.2162, 158.6461

■ 8.1725, 8.6796,
9.5318

171.4201,
180.9695, 197.6591

■ 4.2583, 4.5328,
4.9882

210.4813,
222.1566, 242.5948

■ 1.8493, 1.9758,
2.1817

255.0666,

■ 0.5471, 0.5934,

269.1618, 293.8716

0.6638

305.5415,
322.3697, 351.9081

■ 0.0000, 0.0000,
0.0000

■ 46.1890, 48.8533,
53.4496

■ 46.1890, 48.8533,
53.4496

■ 42.0205, 46.7061,
53.2400

■ 50.9462, 51.3067,
53.6888

■ 38.4138, 44.8471,
53.0557

■ 56.3093, 54.0712,
53.9553

■ 35.3462, 43.2660,
52.8966

■ 62.3000, 57.1592,
54.2512

■ 32.7917, 41.9495,
52.7615

■ 67.6748, 59.9296,
54.5183

■ 30.7223, 40.8830,
52.6492

■ 67.6778, 59.9308,
54.5339

■ 29.1074, 40.0508,
52.5581

■ 67.6808, 59.9320,
54.5496

■ 27.9126, 39.4353,
52.4867

■ 67.6837, 59.9332,
54.5653

■ 27.0990, 39.0162,
52.4331

■ 67.6867, 59.9344,
54.5810

■ 26.6202, 38.7697,
52.3952

■ 67.6897, 59.9356,
54.5967

Harmonies

Analogous

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



46.1771, 48.8533, 53.0641



46.1890, 48.8533, 53.4496



46.2663, 48.8533, 53.7678

Triad

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



46.1890, 48.8533, 53.4496



46.6339, 48.8533, 53.6740



46.4786, 48.8533, 52.4605

Complementary

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



46.1890, 48.8533, 53.4496



46.0437, 48.1821, 52.2231

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.



46.6013, 48.8533, 52.6222



46.1890, 48.8533, 53.4496



46.6910, 48.8533, 53.3220

Square

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



46.1890, 48.8533, 53.4496



46.5231, 48.8533, 53.8978



46.6791, 48.8533, 52.9371



46.3442, 48.8533, 52.4943

Rectangle

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



46.1890, 48.8533, 53.4496



46.3447, 48.8533, 53.8983



46.6791, 48.8533, 52.9371



46.5226, 48.8533, 52.4937

Sweetspot

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



46.1904, 48.8554, 53.4507



84.5950, 89.0005, 96.9216



45.9872, 48.7750, 52.3389



18.6292, 19.5994, 21.3438



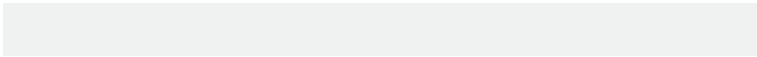
90.7827, 95.5105, 104.0109

Same Dimension

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



46.1904, 48.8554, 53.4507



83.7673, 88.5739, 96.8800



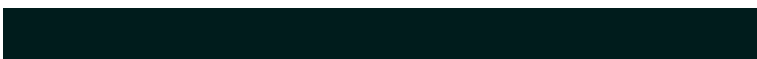
45.9874, 48.4490, 53.3846



10.0356, 10.6070, 11.5975



17.7561, 26.0034, 35.2330



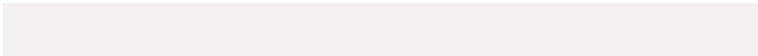
0.6261, 0.9168, 1.2430

Inverse Universe

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



46.0437, 48.1821, 52.2231



83.5162, 87.4214, 94.7789



46.2452, 48.5856, 52.2887



10.0080, 10.4804, 11.3666



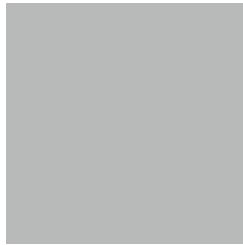
13.6247, 7.0236, 0.6443



0.4805, 0.2477, 0.0237

Previews

White Background



This preview shows how the XYZ color 46.1890, 48.8533, 53.4496 looks on a white background.

Color Contrast Check

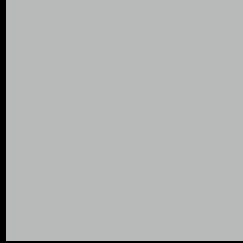
Large Text (above 18pt) WCAG AA × Fail

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 46.1890, 48.8533, 53.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

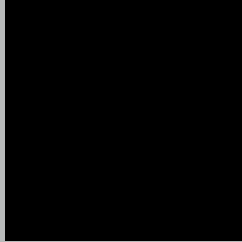
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

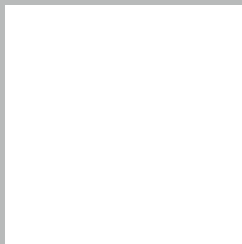
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1890, 48.8533, 53.4496

Background



This preview shows how black text looks on a background with the XYZ color 46.1890, 48.8533, 53.4496.

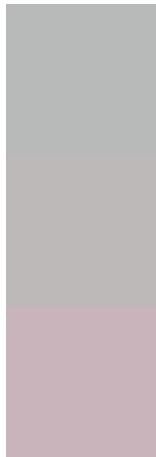


This preview shows how white text looks on a background with the XYZ color 46.1890, 48.8533, 53.4496.

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

46.1890, 48.8533, 53.4496

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

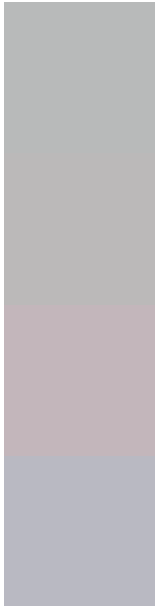
49.6480, 48.7869, 53.8138



Tritanopia

47.6990, 48.8436, 60.9466

Trichromacy



Original Color

46.1890, 48.8533, 53.4496

Protanomaly

46.5994, 48.7655, 52.8556

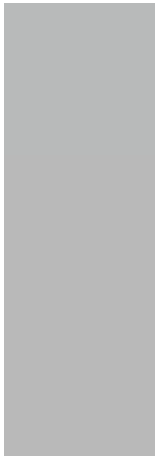
Deuteranomaly

48.2033, 48.6459, 53.8627

Tritanomaly

47.0942, 48.9073, 57.9969

Monochromacy



Original Color

46.1890, 48.8533, 53.4496

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1890, 48.8533, 53.4496 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, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 186)  
}
```

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, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.1890, 48.8533, 53.4496 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, 186, 186) }
```

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

```
.border{ border-color:rgb(184, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
186) }
```


Background

The CSS property to change the background color of an element to XYZ 46.1890, 48.8533, 53.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 186) }
```

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

```
.background{ background-color: rgb(184,  
186, 186) }
```

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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