

Converting Colors

XYZ(46.2630, 48.6587, 54.5307)

Have a look what the booklet for
XYZ(46.2630, 48.6587, 54.5307)
contains.

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Color

**XYZ(46.1932, 48.5191,
54.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B9BC
RGB	184, 185, 188
RGB Percent	72%, 73%, 74%
CMY	0.2784, 0.2745, 0.2627
CMYK	0.02, 0.02, 0.00, 0.26
HSL	225°, 3%, 73%
HSV	225°, 2%, 74%
XYZ	46.1932, 48.5191, 54.5074
YIQ	185.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

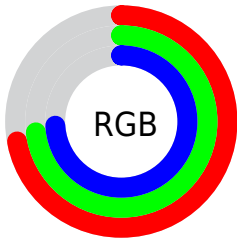
Format	Color
RYB	184, 185, 188
Decimal	12106172
CIELab	75.15, 0.22, -1.65
CIELCh	75, 1.661, 277.583
Yxy	48.5191, 0.3096, 0.3252
Android (android.graphics.Color)	4290296252 (0xFFB8B9BC)
YUV	185.0430, 1.4578, -0.9147
Hunter-Lab	69.6557, -3.5224, 2.3630

Details

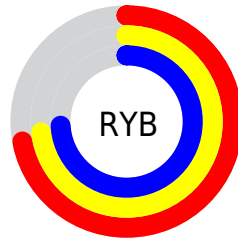
The XYZ color **46.1932, 48.5191, 54.5074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1611, 49.6921, 52.4540**, and the grayscale version is **46.1319, 48.5344, 52.8539**.

A 20% lighter version of the original color is **83.7196, 87.9675, 98.1549**, and **21.9845, 23.0771, 26.2173** is the 20% darker color. If you saturate the color by 10%, you get **39.1838, 40.7472, 53.3774**, and if you desaturate by 10%, it is **54.0958, 57.1876, 55.7648**.

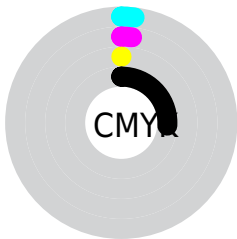
Distribution



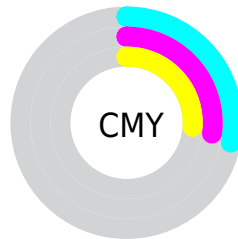
- Red (72%)
- Green (73%)
- Blue (74%)



- Red (72%)
- Yellow (73%)
- Blue (74%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1932, 48.5191, 54.5074 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 46.1932, 48.5191, 54.5074 by changing the saturation by 10% instead.

■ 46.1932, 48.5191,
54.5074

■ 46.1932, 48.5191,
54.5074

362.2878,
380.8460, 421.2711

■ 32.6036, 34.2382,
38.6115

■ 83.7342, 87.9768,
98.2827

■ 21.9807, 23.0766,
26.1522

108.4162,
113.9223, 126.9993

■ 13.9592, 14.6501,
16.7107

137.5264,
144.5248, 160.8265

■ 8.1738, 8.5742,
9.8687

171.4302,
180.1687, 200.1829

■ 4.2591, 4.4645,
5.2075

210.4929,
221.2384, 245.4870

■ 1.8498, 1.9366,
2.3087

255.0798,

■ 0.5474, 0.5703,

268.1183, 297.1574

0.7361

305.5563,
321.1927, 355.6126

■ 0.0000, 0.0000,
0.0000

■ 46.1932, 48.5191,
54.5074

■ 46.1932, 48.5191,
54.5074

■ 39.1838, 40.7472,
53.3774

■ 54.0958, 57.1876,
55.7648

■ 33.0317, 33.8367,
52.3678

■ 62.9177, 66.7739,
57.1502

■ 27.7043, 27.7590,
51.4755

■ 72.6890, 77.3067,
58.6682

■ 23.1655, 22.4817,
50.6961

■ 81.8746, 88.0056,
60.2492

■ 19.3766, 17.9703,
50.0250

■ 86.0772, 96.4109,
61.6501

■ 16.2952, 14.1876,
49.4573

■ 13.8747, 11.0928,
48.9875

■ 12.0622, 8.6410,
48.6098

■ 10.7961, 6.7811,
48.3175

Harmonies

Analogous

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



45.8932, 48.5191, 54.3932



46.1932, 48.5191, 54.5074



46.4737, 48.5191, 54.1680

Triad

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



46.1932, 48.5191, 54.5074



46.5811, 48.5191, 51.8137



45.5772, 48.5191, 52.1927

Complementary

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



46.1932, 48.5191, 54.5074



47.1611, 49.6921, 52.4540

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.



45.7600, 48.5191, 51.5123



46.1932, 48.5191, 54.5074



46.3394, 48.5191, 51.2952

Square

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



46.1932, 48.5191, 54.5074



46.6983, 48.5191, 52.6082



46.0388, 48.5191, 51.1855



45.5384, 48.5191, 53.0505

Rectangle

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



46.1932, 48.5191, 54.5074



46.6116, 48.5191, 53.7324



46.0388, 48.5191, 51.1855



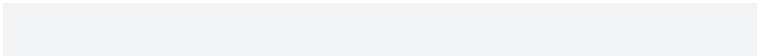
45.6238, 48.5191, 51.9359

Sweetspot

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



46.1946, 48.5212, 54.5085



85.2302, 89.6008, 99.0288



46.7136, 49.7425, 54.1162



18.3438, 19.2852, 21.2982



90.7827, 95.5105, 104.0109



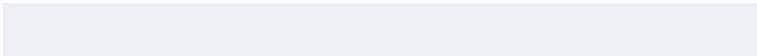
18.6292, 19.5994, 21.3438

Same Dimension

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



46.1946, 48.5212, 54.5085



82.4822, 86.5711, 98.5888



46.2098, 48.2185, 54.4492



10.0947, 10.5889, 12.1840



6.9273, 3.9663, 32.7934



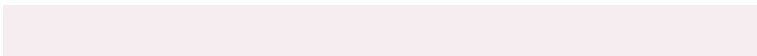
0.3254, 0.2634, 1.3026

Inverse Universe

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



46.6375, 48.4760, 52.8001



83.6269, 86.4589, 94.1729



47.1455, 50.0011, 52.5144



10.2680, 10.5725, 11.5156



14.4973, 7.4301, 2.6466



0.5951, 0.3020, 0.2473

Previews

White Background



This preview shows how the XYZ color 46.1932, 48.5191, 54.5074 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 46.1932, 48.5191, 54.5074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

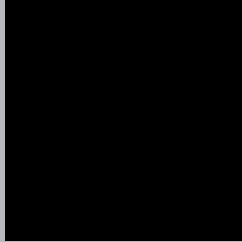
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

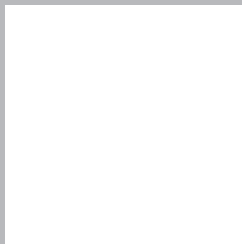
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1932, 48.5191, 54.5074

Background



This preview shows how black text looks on a background with the XYZ color 46.1932, 48.5191, 54.5074.

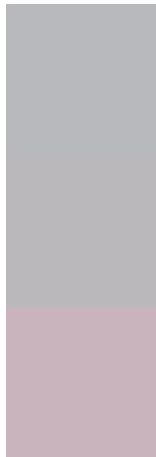


This preview shows how white text looks on a background with the XYZ color 46.1932, 48.5191,

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

46.1932, 48.5191, 54.5074

Protanopia

46.6036, 48.4336, 53.9061

Deuteranopia

49.3928, 48.3318, 54.8698



Tritanopia

47.3762, 48.3833, 60.2680

Trichromacy



Original Color

46.1932, 48.5191, 54.5074

Protanomaly

46.3598, 48.3079, 53.8946

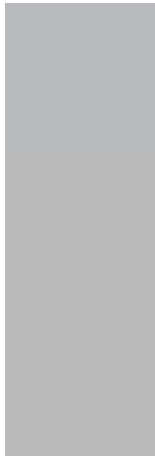
Deuteranomaly

48.2149, 48.3240, 54.9304

Tritanomaly

46.8857, 48.4903, 57.9274

Monochromacy



Original Color

46.1932, 48.5191, 54.5074

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.2195, 48.5574, 53.3909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1932, 48.5191, 54.5074 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 188)  
}
```

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, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.1932, 48.5191, 54.5074 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, 185, 188) }
```


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

```
.border{ border-color:rgb(184, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1932, 48.5191, 54.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 188) }
```

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

```
.background{ background-color: rgb(184,  
185, 188) }
```

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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