

Converting Colors

XYZ(46.4423, 48.3130, 55.5928)

Have a look what the booklet for
XYZ(46.4423, 48.3130, 55.5928)
contains.

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Color

**XYZ(46.4423, 48.3130,
55.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B8BE
RGB	185, 184, 190
RGB Percent	73%, 72%, 75%
CMY	0.2745, 0.2784, 0.2549
CMYK	0.03, 0.03, 0.00, 0.25
HSL	250°, 4%, 73%
HSV	250°, 3%, 75%
XYZ	46.4423, 48.3130, 55.5928
YIQ	184.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

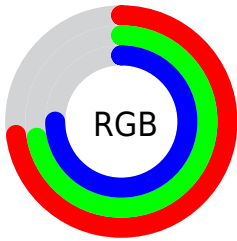
Format	Color
RYB	185, 184, 190
Decimal	12171454
CIELab	75.02, 1.48, -2.92
CIELCh	75, 3.272, 296.929
Yxy	48.3130, 0.3089, 0.3213
Android (android.graphics.Color)	4290361534 (0xFFB9B8BE)
YUV	184.9830, 2.4734, 0.0149
Hunter-Lab	69.5076, -2.3713, 1.2346

Details

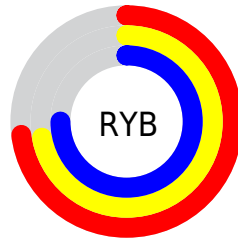
The XYZ color **46.4423, 48.3130, 55.5928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0534, 51.1078, 52.6820**, and the grayscale version is **46.0930, 48.4934, 52.8094**.

A 20% lighter version of the original color is **84.0703, 87.6748, 99.6807**, and **22.1474, 22.9443, 26.9283** is the 20% darker color. If you saturate the color by 10%, you get **39.1465, 39.0821, 54.1963**, and if you desaturate by 10%, it is **54.6969, 58.8278, 57.1880**.

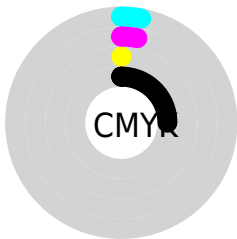
Distribution



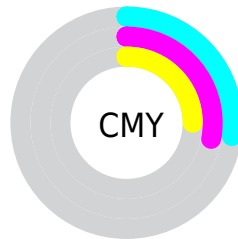
- Red (73%)
- Green (72%)
- Blue (75%)



- Red (73%)
- Yellow (72%)
- Blue (75%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4423, 48.3130, 55.5928 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 46.4423, 48.3130, 55.5928 by changing the saturation by 10% instead.

■ 46.4423, 48.3130,
55.5928

■ 46.4423, 48.3130,
55.5928

363.2702,
380.0314, 425.5002

■ 32.8011, 34.0748,
39.4747

■ 84.1044, 87.6702,
99.8888

■ 22.1326, 22.9511,
26.8186

108.8559,
113.5581, 128.9038

■ 14.0715, 14.5574,
17.2058

138.0417,
144.0980, 163.0549

■ 8.2525, 8.5094,
10.2178

172.0269,
179.6743, 202.7606

■ 4.3101, 4.4226,
5.4361

211.1770,
220.6714, 248.4394

■ 1.8790, 1.9126,
2.4422

255.8574,

■ 0.5646, 0.5560,

267.4737, 300.5100

0.8093

306.4333,
320.4656, 359.3907

■ 0.0000, 0.0000,
0.0000

■ 46.4423, 48.3130,
55.5928

■ 46.4423, 48.3130,
55.5928

■ 39.1465, 39.0821,
54.1963

■ 54.6969, 58.8278,
57.1880

■ 32.7704, 31.0799,
52.9878

■ 63.9393, 70.6667,
58.9860

■ 27.2784, 24.2559,
51.9601

■ 74.2022, 83.8759,
60.9948

■ 22.6310, 18.5543,
51.1045

■ 83.8981, 95.2624,
62.6815

■ 18.7856, 13.9143,
50.4116

■ 86.2944, 96.4978,
62.7937

■ 15.6957, 10.2694,
49.8709

■ 13.3102, 7.5456,
49.4709

■ 11.5709, 5.6583,
49.1983

■ 10.4103, 4.5067,
49.0372

Harmonies

Analogous

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



45.8585, 48.3130, 55.9588



46.4423, 48.3130, 55.5928



46.8895, 48.3130, 54.4204

Triad

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



46.4423, 48.3130, 55.5928



46.5498, 48.3130, 49.8955



44.7824, 48.3130, 52.4286

Complementary

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



46.4423, 48.3130, 55.5928



48.0534, 51.1078, 52.6820

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.



44.9641, 48.3130, 50.8297



46.4423, 48.3130, 55.5928



45.9816, 48.3130, 49.3872

Square

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



46.4423, 48.3130, 55.5928



46.9519, 48.3130, 51.1286



45.4017, 48.3130, 49.7255



44.9034, 48.3130, 54.1088

Rectangle

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



46.4423, 48.3130, 55.5928



47.0482, 48.3130, 53.3522



45.4017, 48.3130, 49.7255



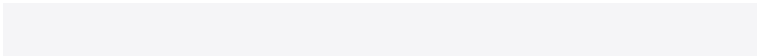
44.8101, 48.3130, 51.8641

Sweetspot

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



46.4437, 48.3151, 55.5939



87.2142, 91.4314, 101.3305



47.2822, 50.3477, 55.9420



19.1676, 20.0980, 22.2544



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.4437, 48.3151, 55.5939



82.8894, 85.9379, 100.4981



47.1509, 48.6796, 55.6270



9.9184, 10.2595, 12.1297



6.6131, 2.6953, 32.5646



0.3057, 0.1296, 1.2778

Inverse Universe

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



47.5628, 48.9045, 55.0796



85.4872, 87.3064, 99.2985



47.3408, 50.7404, 52.6487



10.2783, 10.4491, 11.9630



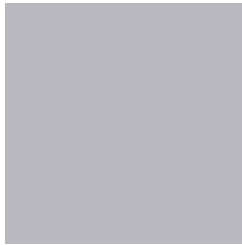
18.2734, 8.9405, 22.5311



0.7342, 0.3576, 0.9794

Previews

White Background



This preview shows how the XYZ color 46.4423, 48.3130, 55.5928 looks on a white background.

Color Contrast Check

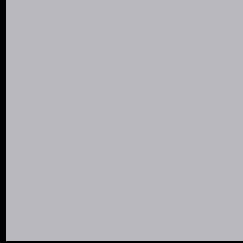
Large Text (above 18pt) WCAG AA × Fail

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 46.4423, 48.3130, 55.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

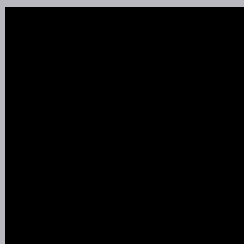
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4423, 48.3130, 55.5928

Background



This preview shows how black text looks on a background with the XYZ color 46.4423, 48.3130, 55.5928.

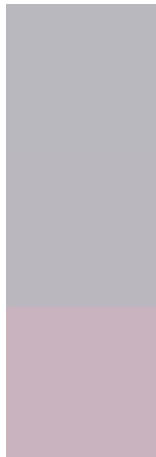


This preview shows how white text looks on a background with the XYZ color 46.4423, 48.3130,

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

46.4423, 48.3130, 55.5928

Protanopia

46.6845, 48.4378, 55.6041

Deuteranopia

49.3435, 48.2811, 56.0087



Tritanopia

47.2612, 48.3373, 59.6624

Trichromacy



Original Color

46.4423, 48.3130, 55.5928

Protanomaly

46.6845, 48.4378, 55.6041

Deuteranomaly

48.4335, 48.4114, 56.0818

Tritanomaly

46.9208, 48.2011, 57.8697

Monochromacy



Original Color

46.4423, 48.3130, 55.5928

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3262, 48.6001, 53.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4423, 48.3130, 55.5928 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(185, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 190)  
}
```

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(185, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.4423, 48.3130, 55.5928 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(185, 184, 190) }
```


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

```
.border{ border-color:rgb(185, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4423, 48.3130, 55.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 190) }
```

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

```
.background{ background-color: rgb(185,  
184, 190) }
```

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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