

Converting Colors

XYZ(46.5067, 48.7202, 56.3879)

Have a look what the booklet for
XYZ(46.5067, 48.7202, 56.3879)
contains.

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Color

**XYZ(46.5201, 48.6499,
56.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B9BF
RGB	184, 185, 191
RGB Percent	72%, 73%, 75%
CMY	0.2784, 0.2745, 0.2510
CMYK	0.04, 0.03, 0.00, 0.25
HSL	231°, 5%, 74%
HSV	231°, 4%, 75%
XYZ	46.5201, 48.6499, 56.2287
YIQ	185.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

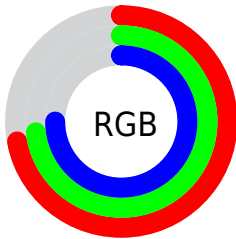
Format	Color
RYB	184, 185, 191
Decimal	12106175
CIELab	75.23, 0.79, -3.16
CIELCh	75, 3.258, 284.064
Yxy	48.6499, 0.3073, 0.3213
Android (android.graphics.Color)	4290296255 (0xFFB8B9BF)
YUV	185.3850, 2.7682, -1.2146
Hunter-Lab	69.7495, -3.0093, 1.0279

Details

The XYZ color **46.5201, 48.6499, 56.2287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5511, 51.3633, 52.7033**, and the grayscale version is **46.3157, 48.7278, 53.0645**.

A 20% lighter version of the original color is **84.1790, 88.1513, 100.5739**, and **22.1988, 23.1628, 27.3456** is the 20% darker color. If you saturate the color by 10%, you get **39.0220, 39.9932, 54.9537**, and if you desaturate by 10%, it is **55.0327, 58.4171, 57.6660**.

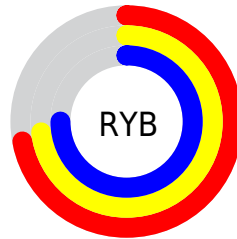
Distribution



Red (72%)

Green (73%)

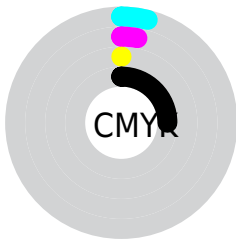
Blue (75%)



Red (72%)

Yellow (73%)

Blue (75%)

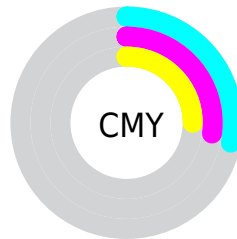


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (28%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5201, 48.6499, 56.2287 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 46.5201, 48.6499, 56.2287 by changing the saturation by 10% instead.

■ 46.5201, 48.6499,
56.2287

■ 46.5201, 48.6499,
56.2287

363.5767,
381.3624, 427.9653

■ 32.8628, 34.3418,
39.9811

■ 84.2199, 88.1713,
100.8280

■ 22.1801, 23.1563,
27.2101

108.9932,
114.1533, 130.0168

■ 14.1066, 14.7090,
17.4973

138.2025,
144.7956, 164.3564

■ 8.2771, 8.6154,
10.4240

172.2131,
180.4823, 204.2653

■ 4.3260, 4.4912,
5.5717

211.3905,
221.5980, 250.1621

■ 1.8882, 1.9519,
2.5219

256.1000,

■ 0.5700, 0.5793,

268.5269, 302.4654

0.8517

306.7069,
321.6536, 361.5936

■ 0.0000, 0.0000,
0.0000

■ 46.5201, 48.6499,
56.2287

■ 46.5201, 48.6499,
56.2287

■ 39.0220, 39.9932,
54.9537

■ 55.0327, 58.4171,
57.6660

■ 32.4964, 32.4016,
53.8323

■ 64.5915, 69.3260,
59.2679

■ 26.9044, 25.8355,
52.8597

■ 75.2320, 81.4140,
61.0403

■ 22.2029, 20.2506,
52.0295

■ 84.9714, 93.6762,
62.8938

■ 18.3454, 15.5994,
51.3350

■ 86.4041, 96.5416,
63.3714

■ 15.2812, 11.8302,
50.7690

■ 12.9538, 8.8862,
50.3234

■ 11.2992, 6.7040,
49.9894

■ 10.2420, 5.2102,
49.7568

Harmonies

Analogous

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



45.9254, 48.6499, 56.1997



46.5201, 48.6499, 56.2287



47.0441, 48.6499, 55.3719

Triad

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



46.5201, 48.6499, 56.2287



47.0710, 48.6499, 50.7153



45.1440, 48.6499, 52.0729

Complementary

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



46.5201, 48.6499, 56.2287



48.5511, 51.3633, 52.7033

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.



45.4456, 48.6499, 50.6415



46.5201, 48.6499, 56.2287



46.5565, 48.6499, 49.8693

Square

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



46.5201, 48.6499, 56.2287



47.3640, 48.6499, 52.1757



45.9616, 48.6499, 49.8425



45.1344, 48.6499, 53.7753

Rectangle

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



46.5201, 48.6499, 56.2287



47.2815, 48.6499, 54.4241



45.9616, 48.6499, 49.8425



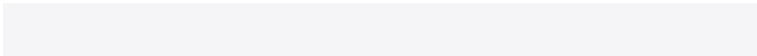
45.2145, 48.6499, 51.5450

Sweetspot

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



46.5215, 48.6520, 56.2298



87.1780, 91.5720, 101.3595



47.6875, 51.1682, 56.0503



19.1600, 20.1273, 22.2604



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.



46.5215, 48.6520, 56.2298



82.7497, 86.4794, 100.6099



46.9044, 48.5389, 56.1878



9.8992, 10.3342, 12.1452



6.4798, 3.0714, 32.6442



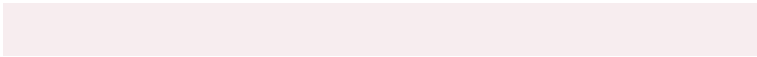
0.2897, 0.1920, 1.2907

Inverse Universe

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



47.3844, 48.8610, 52.8351



84.4591, 86.8952, 93.8848



48.1581, 51.4844, 52.7474



10.1359, 10.3922, 11.2135



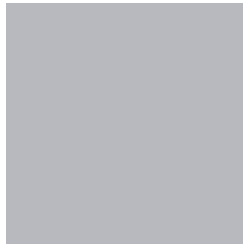
14.2715, 7.3397, 1.4573



0.5771, 0.2947, 0.1524

Previews

White Background



This preview shows how the XYZ color 46.5201, 48.6499, 56.2287 looks on a white background.

Color Contrast Check

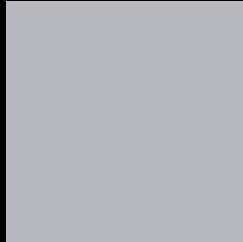
Large Text (above 18pt) WCAG AA × Fail

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 46.5201, 48.6499, 56.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

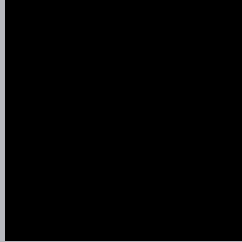
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5201, 48.6499, 56.2287

Background



This preview shows how black text looks on a background with the XYZ color 46.5201, 48.6499, 56.2287.

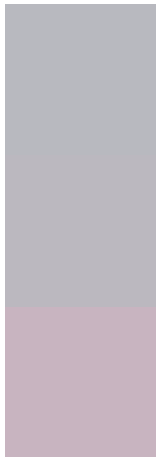


This preview shows how white text looks on a background with the XYZ color 46.5201, 48.6499,

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

46.5201, 48.6499, 56.2287

Protanopia

47.0380, 48.6074, 56.1932

Deuteranopia

49.6551, 48.7276, 56.6574



Tritanopia

47.3411, 48.6725, 60.3257

Trichromacy



Original Color

46.5201, 48.6499, 56.2287

Protanomaly

46.7942, 48.4817, 56.1818

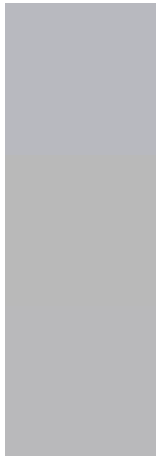
Deuteranomaly

48.4905, 48.7310, 56.7195

Tritanomaly

46.9984, 48.5354, 58.5209

Monochromacy



Original Color

46.5201, 48.6499, 56.2287

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 46.5201, 48.6499, 56.2287 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.5201, 48.6499, 56.2287 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, 191) }
```


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

```
.border{ border-color:rgb(184, 185, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5201, 48.6499, 56.2287 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, 191) }
```

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

```
.background{ background-color: rgb(184,  
185, 191) }
```

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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