

Converting Colors

XYZ(46.4195, 48.0690, 56.2605)

Have a look what the booklet for
XYZ(46.4195, 48.0690, 56.2605)
contains.

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Color

**XYZ(46.3450, 47.9428,
56.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B7BF
RGB	185, 183, 191
RGB Percent	73%, 72%, 75%
CMY	0.2745, 0.2823, 0.2510
CMYK	0.03, 0.04, 0.00, 0.25
HSL	255°, 6%, 73%
HSV	255°, 4%, 75%
XYZ	46.3450, 47.9428, 56.1015
YIQ	184.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

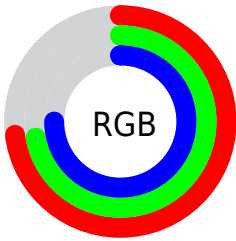
Format	Color
R _Y B	185, 183, 191
Decimal	12171199
CIE Lab	74.79, 2.21, -3.80
CIE LCh	75, 4.401, 300.162
Yxy	47.9428, 0.3082, 0.3188
Android (android.graphics.Color)	4290361279 (0xFFB9B7BF)
YUV	184.5100, 3.1996, 0.4297
Hunter-Lab	69.2407, -1.6956, 0.4295

Details

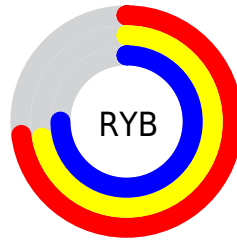
The XYZ color **46.3450, 47.9428, 56.1015** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1661, 51.5006, 52.2041**, and the grayscale version is **45.8266, 48.2131, 52.5041**.

A 20% lighter version of the original color is **83.9306, 87.1492, 100.3935**, and **22.0858, 22.7058, 27.2634** is the 20% darker color. If you saturate the color by 10%, you get **39.3854, 38.8993, 54.7235**, and if you desaturate by 10%, it is **54.1905, 58.2393, 57.6761**.

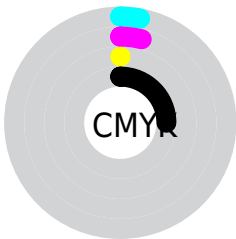
Distribution



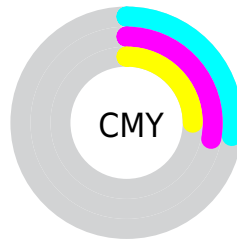
- Red (73%)
- Green (72%)
- Blue (75%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3450, 47.9428, 56.1015 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 46.3450, 47.9428, 56.1015 by changing the saturation by 10% instead.

■ 46.3450, 47.9428,
56.1015

■ 46.3450, 47.9428,
56.1015

362.8867,
378.5654, 427.4730

■ 32.7239, 33.7816,
39.8798

■ 83.9598, 87.1192,
100.6402

■ 22.0733, 22.7259,
27.1317

108.6842,
112.9032, 129.7943

■ 14.0276, 14.3912,
17.4389

137.8405,
143.3303, 164.0963

■ 8.2217, 8.3933,
10.3826

171.7939,
178.7848, 203.9646

■ 4.2901, 4.3476,
5.5445

210.9099,
219.6512, 249.8179

■ 1.8676, 1.8698,
2.5059

255.5538,

■ 0.5579, 0.5302,

266.3138, 302.0747

0.8433

306.0909,
319.1571, 361.1536

■ 0.0000, 0.0000,
0.0000

■ 46.3450, 47.9428,
56.1015

■ 46.3450, 47.9428,
56.1015

■ 39.3854, 38.8993,
54.7235

■ 54.1905, 58.2393,
57.6761

■ 33.2758, 31.0545,
53.5313

■ 62.9478, 69.8281,
59.4514

■ 27.9841, 24.3593,
52.5179

■ 72.6467, 82.7543,
61.4353

■ 23.4744, 18.7589,
51.6746

■ 81.8933, 94.2163,
63.1603

■ 19.7081, 14.1937,
50.9919

■ 86.4041, 96.5416,
63.3714

■ 16.6432, 10.5985,
50.4595

■ 14.2331, 7.9004,
50.0657

■ 12.4251, 6.0159,
49.7973

■ 11.1573, 4.8448,
49.6381

Harmonies

Analogous

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



45.5726, 47.9428, 56.7293



46.3450, 47.9428, 56.1015



46.9148, 47.9428, 54.4229

Triad

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



46.3450, 47.9428, 56.1015



46.3374, 47.9428, 48.4748



44.0481, 47.9428, 52.2140

Complementary

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



46.3450, 47.9428, 56.1015



48.1661, 51.5006, 52.2041

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.



44.2476, 47.9428, 50.0415



46.3450, 47.9428, 56.1015



45.5638, 47.9428, 47.9214

Square

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



46.3450, 47.9428, 56.1015



46.9103, 47.9428, 50.0205



44.8001, 47.9428, 48.4867



44.2519, 47.9428, 54.4451

Rectangle

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



46.3450, 47.9428, 56.1015



47.0998, 47.9428, 52.9574



44.8001, 47.9428, 48.4867



44.0702, 47.9428, 51.4529

Sweetspot

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



46.3464, 47.9448, 56.1025



87.2865, 91.4686, 101.3339



47.1603, 50.2829, 56.5109



19.1826, 20.1058, 22.2551



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.



46.3464, 47.9448, 56.1025



81.8296, 84.3331, 100.2442



47.2922, 48.4324, 56.1468



9.8091, 10.0864, 12.1021



7.0351, 2.9128, 32.5843



0.3377, 0.1461, 1.2793

Inverse Universe

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



47.6064, 48.6196, 55.0220



84.5536, 85.7921, 97.8995



47.2194, 51.0126, 52.1598



10.1716, 10.2805, 11.7894



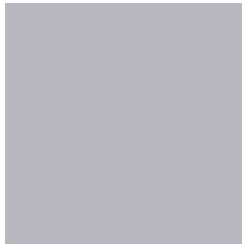
17.4273, 8.6021, 18.0755



0.7073, 0.3468, 0.8381

Previews

White Background



This preview shows how the XYZ color 46.3450, 47.9428, 56.1015 looks on a white background.

Color Contrast Check

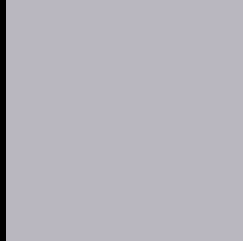
Large Text (above 18pt) WCAG AA × Fail

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 46.3450, 47.9428, 56.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

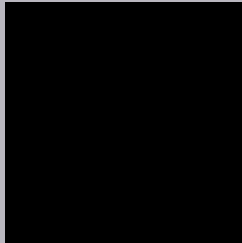
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3450, 47.9428, 56.1015

Background



This preview shows how black text looks on a background with the XYZ color 46.3450, 47.9428, 56.1015.

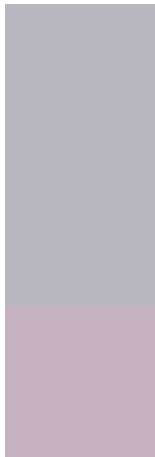


This preview shows how white text looks on a background with the XYZ color 46.3450, 47.9428,

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

46.3450, 47.9428, 56.1015

Protanopia

46.3450, 47.9428, 56.1015

Deuteranopia

48.7235, 47.6523, 56.4990



Tritanopia

47.0557, 47.9262, 59.5939

Trichromacy



Original Color

46.3450, 47.9428, 56.1015

Protanomaly

46.3450, 47.9428, 56.1015

Deuteranomaly

47.8280, 47.7857, 56.5719

Tritanomaly

46.8280, 47.8351, 58.3948

Monochromacy



Original Color

46.3450, 47.9428, 56.1015

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1177, 48.1831, 53.8833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3450, 47.9428, 56.1015 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, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 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(185, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.3450, 47.9428, 56.1015 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, 183, 191) }
```


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

```
.border{ border-color:rgb(185, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3450, 47.9428, 56.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 191) }
```

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

```
.background{ background-color: rgb(185,  
183, 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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