

Converting Colors

XYZ(46.1853, 47.0752, 59.0859)

Have a look what the booklet for
XYZ(46.1853, 47.0752, 59.0859)
contains.

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Color

**XYZ(46.2548, 47.2236,
58.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B5C4
RGB	184, 181, 196
RGB Percent	72%, 71%, 77%
CMY	0.2784, 0.2902, 0.2314
CMYK	0.06, 0.08, 0.00, 0.23
HSL	252°, 11%, 74%
HSV	252°, 8%, 77%
XYZ	46.2548, 47.2236, 58.9017
YIQ	183.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

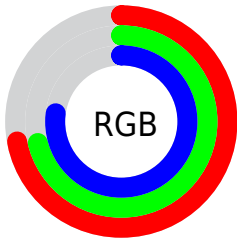
Format	Color
RYB	184, 181, 196
Decimal	12105156
CIELab	74.33, 3.92, -7.22
CIELCh	74, 8.213, 298.527
Yxy	47.2236, 0.3035, 0.3099
Android (android.graphics.Color)	4290295236 (0xFFB8B5C4)
YUV	183.6070, 6.1097, 0.3447
Hunter-Lab	68.7194, -0.1113, -2.7158

Details

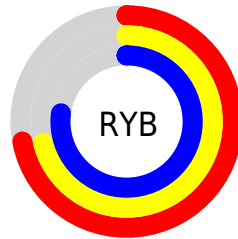
The XYZ color **46.2548, 47.2236, 58.9017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0745, 54.1548, 51.5321**, and the grayscale version is **45.3130, 47.6728, 51.9157**.

A 20% lighter version of the original color is **83.9490, 86.1855, 105.1394**, and **21.9617, 22.2166, 28.7219** is the 20% darker color. If you saturate the color by 10%, you get **38.9958, 37.9766, 57.5002**, and if you desaturate by 10%, it is **54.4937, 57.8106, 60.5117**.

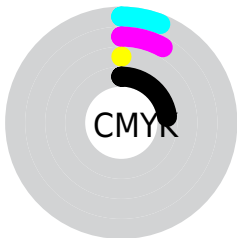
Distribution



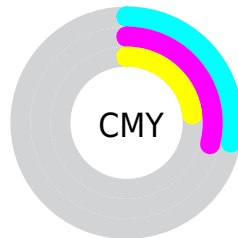
- Red (72%)
- Green (71%)
- Blue (77%)



- Red (72%)
- Yellow (71%)
- Blue (77%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2548, 47.2236, 58.9017 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 46.2548, 47.2236, 58.9017 by changing the saturation by 10% instead.

■ 46.2548, 47.2236,
58.9017

■ 46.2548, 47.2236,
58.9017

362.5309,
375.7063, 438.2293

■ 32.6524, 33.2125,
42.1145

■ 83.8257, 86.0473,
104.7625

■ 22.0183, 22.2892,
28.8647

108.5250,
111.6286, 134.6732

■ 13.9870, 14.0696,
18.7338

137.6539,
141.8355, 169.7954

■ 8.1933, 8.1691,
11.3032

171.5778,
177.0522, 210.5478

■ 4.2717, 4.2033,
6.1544

210.6621,
217.6633, 257.3488

■ 1.8570, 1.7879,
2.8689

255.2722,

■ 0.5516, 0.4796,

264.0531, 310.6171

1.0281

305.7733,
316.6060, 370.7710

■ 0.0000, 0.0000,
0.0000

■ 46.2548, 47.2236,
58.9017

■ 46.2548, 47.2236,
58.9017

■ 38.9958, 37.9766,
57.5002

■ 54.4937, 57.8106,
60.5117

■ 32.6759, 30.0102,
56.2956

■ 63.7433, 69.7822,
62.3349

■ 27.2572, 23.2691,
55.2800

■ 74.0380, 83.1882,
64.3800

■ 22.6977, 17.6918,
54.4438

■ 83.9880, 95.2314,
66.1801

■ 18.9522, 13.2115,
53.7764

■ 86.9639, 96.7656,
66.3194

■ 15.9708, 9.7542,
53.2662

■ 13.6983, 7.2369,
52.9001

■ 12.0710, 5.5629,
52.6628

■ 11.0040, 4.5959,
52.5324

Harmonies

Analogous

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



44.8116, 47.2236, 59.9866



46.2548, 47.2236, 58.9017



47.3510, 47.2236, 55.7835

Triad

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



46.2548, 47.2236, 58.9017



46.3840, 47.2236, 44.7880



42.1046, 47.2236, 51.2096

Complementary

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



46.2548, 47.2236, 58.9017



50.0745, 54.1548, 51.5321

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.



42.5054, 47.2236, 47.2873



46.2548, 47.2236, 58.9017



44.9577, 47.2236, 43.7077

Square

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



46.2548, 47.2236, 58.9017



47.4267, 47.2236, 47.6306



43.5418, 47.2236, 44.5975



42.4351, 47.2236, 55.4020

Rectangle

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



46.2548, 47.2236, 58.9017



47.7262, 47.2236, 53.0535



43.5418, 47.2236, 44.5975



42.1582, 47.2236, 49.8174

Sweetspot

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



46.2562, 47.2256, 58.9027



91.9591, 96.0233, 108.2953



48.1467, 52.0612, 59.7365



19.7154, 20.5946, 23.1860



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



46.2562, 47.2256, 58.9027



81.7244, 82.9034, 106.3024



48.0380, 48.1442, 58.9861



9.7121, 9.8427, 12.6728



7.0011, 2.8696, 33.7415



0.3595, 0.1534, 1.4605

Inverse Universe

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



48.9161, 48.6359, 57.2640



87.4310, 85.9295, 102.7608



48.2709, 53.2250, 51.4477



10.4082, 10.2119, 12.2403



18.5598, 9.1137, 21.3917



0.8244, 0.4028, 1.0426

Previews

White Background



This preview shows how the XYZ color 46.2548, 47.2236, 58.9017 looks on a white background.

Color Contrast Check

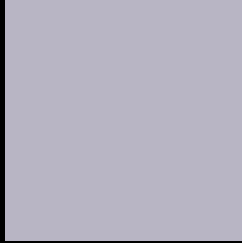
Large Text (above 18pt) WCAG AA × Fail

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 46.2548, 47.2236, 58.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

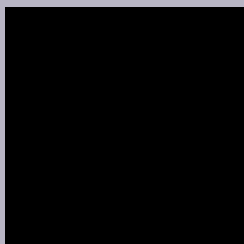
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2548, 47.2236, 58.9017

Background



This preview shows how black text looks on a background with the XYZ color 46.2548, 47.2236, 58.9017.

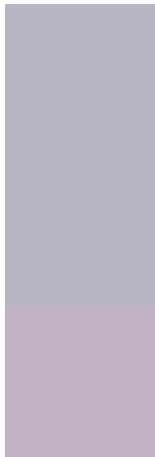


This preview shows how white text looks on a background with the XYZ color 46.2548, 47.2236,

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

46.2548, 47.2236, 58.9017

Protanopia

45.9832, 47.3865, 58.9475

Deuteranopia

48.2466, 47.3413, 59.4182



Tritanopia

46.1414, 47.1782, 58.3042

Trichromacy



Original Color

46.2548, 47.2236, 58.9017

Protanomaly

46.2202, 47.5087, 58.9586

Deuteranomaly

47.4333, 47.2186, 59.4374

Tritanomaly

46.1414, 47.1782, 58.3042

Monochromacy



Original Color

46.2548, 47.2236, 58.9017

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7778, 47.6882, 54.3689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2548, 47.2236, 58.9017 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, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 196)  
}
```

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, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 46.2548, 47.2236, 58.9017 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, 181, 196) }
```


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

```
.border{ border-color:rgb(184, 181, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2548, 47.2236, 58.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 196) }
```

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

```
.background{ background-color: rgb(184,  
181, 196) }
```

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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