

Converting Colors

XYZ(46.0425, 47.1013, 58.0417)

Have a look what the booklet for
XYZ(46.0425, 47.1013, 58.0417)
contains.

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Color

**XYZ(46.1414, 47.1782,
58.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B5C3
RGB	184, 181, 195
RGB Percent	72%, 71%, 76%
CMY	0.2784, 0.2902, 0.2353
CMYK	0.06, 0.07, 0.00, 0.24
HSL	253°, 10%, 74%
HSV	253°, 7%, 76%
XYZ	46.1414, 47.1782, 58.3042
YIQ	183.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

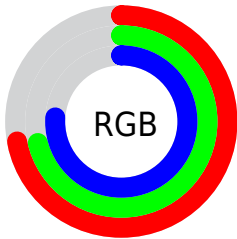
Format	Color
RYB	184, 181, 195
Decimal	12105155
CIELab	74.30, 3.73, -6.71
CIElCh	74, 7.678, 299.029
Yxy	47.1782, 0.3043, 0.3112
Android (android.graphics.Color)	4290295235 (0xFFB8B5C3)
YUV	183.4930, 5.6730, 0.4446
Hunter-Lab	68.6864, -0.2904, -2.2476

Details

The XYZ color **46.1414, 47.1782, 58.3042** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5955, 53.5741, 51.4452**, and the grayscale version is **45.2525, 47.6092, 51.8464**.

A 20% lighter version of the original color is **83.7901, 86.1219, 104.3024**, and **21.8870, 22.1867, 28.3282** is the 20% darker color. If you saturate the color by 10%, you get **38.9767, 38.0059, 56.9121**, and if you desaturate by 10%, it is **54.2615, 57.6695, 59.9020**.

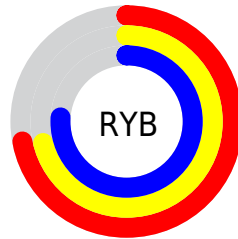
Distribution



Red (72%)

Green (71%)

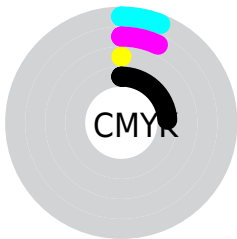
Blue (76%)



Red (72%)

Yellow (71%)

Blue (76%)

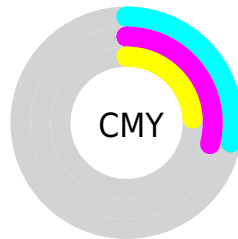


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1414, 47.1782, 58.3042 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 46.1414, 47.1782, 58.3042 by changing the saturation by 10% instead.

■ 46.1414, 47.1782,
58.3042

■ 46.1414, 47.1782,
58.3042

362.0832,
375.5254, 435.9484

■ 32.5625, 33.1766,
41.6369

■ 83.6571, 85.9796,
103.8849

■ 21.9491, 22.2617,
28.4937

108.3247,
111.5481, 133.6353

■ 13.9359, 14.0493,
18.4558

137.4192,
141.7410, 168.5840

■ 8.1575, 8.1550,
11.1049

171.3060,
176.9427, 209.1493

■ 4.2486, 4.1943,
6.0224

210.3505,
217.5376, 255.7499

■ 1.8437, 1.7828,
2.7897

254.9179,

■ 0.5438, 0.4764,

263.9101, 308.8042

0.9883

305.3737,
316.4445, 368.7309

■ 0.0000, 0.0000,
0.0000

■ 46.1414, 47.1782,
58.3042

■ 46.1414, 47.1782,
58.3042

■ 38.9767, 38.0059,
56.9121

■ 54.2615, 57.6695,
59.9020

■ 32.7278, 30.0941,
55.7143

■ 63.3665, 69.5231,
61.7101

■ 27.3581, 23.3891,
54.7031

■ 73.4897, 82.7878,
63.7368

■ 22.8274, 17.8307,
53.8691

■ 83.3708, 94.9263,
65.5590

■ 19.0917, 13.3535,
53.2018

■ 86.8505, 96.7202,
65.7219

■ 16.1034, 9.8856,
52.6899

■ 13.8091, 7.3460,
52.3206

■ 12.1479, 5.6407,
52.0790

■ 11.0407, 4.6425,
51.9447

Harmonies

Analogous

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



44.7965, 47.1782, 59.3479



46.1414, 47.1782, 58.3042



47.1553, 47.1782, 55.3797

Triad

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



46.1414, 47.1782, 58.3042



46.2208, 47.1782, 45.1249



42.2404, 47.1782, 51.2404

Complementary

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



46.1414, 47.1782, 58.3042



49.5955, 53.5741, 51.4452

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.



42.6046, 47.1782, 47.5568



46.1414, 47.1782, 58.3042



44.8865, 47.1782, 44.1394

Square

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



46.1414, 47.1782, 58.3042



47.2018, 47.1782, 47.7691



43.5662, 47.1782, 45.0069



42.5612, 47.1782, 55.1455

Rectangle

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



46.1414, 47.1782, 58.3042



47.4972, 47.1782, 52.8289



43.5662, 47.1782, 45.0069



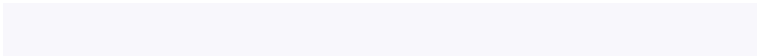
42.2867, 47.1782, 49.9363

Sweetspot

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



46.1428, 47.1802, 58.3052



89.9082, 93.8686, 105.8496



47.8015, 51.5524, 59.0617



19.7208, 20.5974, 23.1862



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.



46.1428, 47.1802, 58.3052



79.9911, 81.0934, 103.9064



47.8113, 48.0404, 58.3833



9.7255, 9.8496, 12.6734



7.0753, 2.9079, 33.7450



0.3655, 0.1565, 1.4608

Inverse Universe

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



48.5456, 48.4577, 56.6660



85.4085, 83.9743, 100.1764



47.9130, 52.7068, 51.3665



10.4019, 10.2094, 12.2071



18.4093, 9.0535, 20.5993



0.8190, 0.4006, 1.0144

Previews

White Background



This preview shows how the XYZ color 46.1414, 47.1782, 58.3042 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 46.1414, 47.1782, 58.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

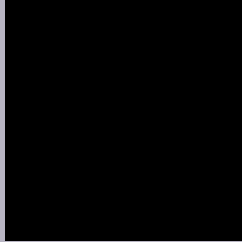
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1414, 47.1782, 58.3042

Background



This preview shows how black text looks on a background with the XYZ color 46.1414, 47.1782, 58.3042.

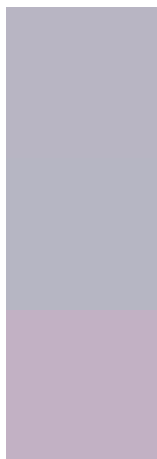


This preview shows how white text looks on a background with the XYZ color 46.1414, 47.1782,

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

46.1414, 47.1782, 58.3042

Protanopia

45.8697, 47.3411, 58.3499

Deuteranopia

47.9341, 46.8991, 58.7506



Tritanopia

46.1414, 47.1782, 58.3042

Trichromacy



Original Color

46.1414, 47.1782, 58.3042

Protanomaly

46.1067, 47.4633, 58.3610

Deuteranomaly

47.1194, 46.7735, 58.7693

Tritanomaly

46.1414, 47.1782, 58.3042

Monochromacy



Original Color

46.1414, 47.1782, 58.3042

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2260, 47.1110, 53.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1414, 47.1782, 58.3042 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 46.1414, 47.1782, 58.3042 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, 195) }
```


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

```
.border{ border-color:rgb(184, 181, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1414, 47.1782, 58.3042 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, 195) }
```

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

```
.background{ background-color: rgb(184,  
181, 195) }
```

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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