

Converting Colors

XYZ(46.2914, 46.9853, 52.9984)

Have a look what the booklet for
XYZ(46.2914, 46.9853, 52.9984)
contains.

XYZ(46.4194, 47.1348, 53.1057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.4194, 47.1348,
53.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB4BA
RGB	190, 180, 186
RGB Percent	75%, 71%, 73%
CMY	0.2549, 0.2941, 0.2706
CMYK	0.00, 0.05, 0.02, 0.25
HSL	324°, 7%, 73%
HSV	324°, 5%, 75%
XYZ	46.4194, 47.1348, 53.1057
YIQ	183.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

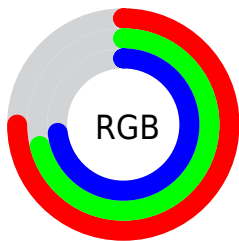
Format	Color
R _Y B	190, 180, 186
Decimal	12498106
CIE Lab	74.28, 4.63, -1.78
CIE LCh	74, 4.964, 338.950
Yxy	47.1348, 0.3165, 0.3214
Android (android.graphics.Color)	4290688186 (0xFFBEB4BA)
YUV	183.6740, 1.1467, 5.5479
Hunter-Lab	68.6548, 0.5429, 2.1965

Details

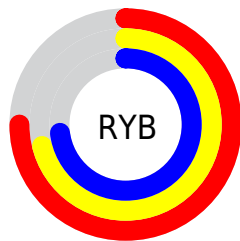
The XYZ color **46.4194, 47.1348, 53.1057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8894, 49.9922, 52.5807**, and the grayscale version is **45.3736, 47.7366, 51.9851**.

A 20% lighter version of the original color is **84.0285, 85.9945, 96.1742**, and **22.1395, 22.1906, 25.3066** is the 20% darker color. If you saturate the color by 10%, you get **42.0571, 39.6689, 47.7698**, and if you desaturate by 10%, it is **51.3532, 55.6735, 58.8455**.

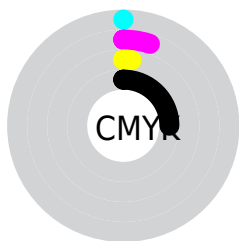
Distribution



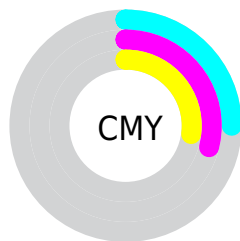
- Red (75%)
- Green (71%)
- Blue (73%)



- Red (75%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4194, 47.1348, 53.1057 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 46.4194, 47.1348, 53.1057 by changing the saturation by 10% instead.

■ 46.4194, 47.1348,
53.1057

■ 46.4194, 47.1348,
53.1057

363.1800,
375.3523, 415.7683

■ 32.7829, 33.1422,
37.4989

■ 84.0703, 85.9148,
96.2030

■ 22.1186, 22.2354,
25.2952

108.8155,
111.4710, 124.5306

■ 14.0612, 14.0300,
16.0761

137.9943,
141.6506, 157.9354

■ 8.2452, 8.1415,
9.4231

171.9721,
176.8379, 196.8361

■ 4.3054, 4.1856,
4.9176

211.1142,
217.4173, 241.6512

■ 1.8763, 1.7779,
2.1411

255.7860,

■ 0.5630, 0.4734,

263.7733, 292.7993

0.6401

306.3528,
316.2902, 350.6988

■ 0.0000, 0.0000,
0.0000

■ 46.4194, 47.1348,
53.1057

■ 46.4194, 47.1348,
53.1057

■ 42.0571, 39.6689,
47.7698

■ 51.3532, 55.6735,
58.8455

■ 38.2404, 33.2270,
42.8241

■ 56.8751, 65.3193,
64.9961

■ 34.9472, 27.7655,
38.2585

■ 63.0061, 76.1125,
71.5683

■ 32.1524, 23.2352,
34.0612

■ 69.4436, 87.4465,
78.4641

■ 29.8287, 19.5826,
30.2196

■ 70.4521, 87.8499,
83.7749

■ 27.9460, 16.7490,
26.7200

■ 71.5067, 88.2718,
89.3286

■ 26.4708, 14.6681,
23.5476

■ 72.6081, 88.7123,
95.1282

■ 25.3640, 13.2633,
20.6855

■ 73.7567, 89.1718,
101.1768

■ 24.5782, 12.4407,
18.1139

■ 74.9532, 89.6504,
107.4773

Harmonies

Analogous

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



45.8867, 47.1348, 55.2359



46.4194, 47.1348, 53.1057



46.5152, 47.1348, 50.5617

Triad

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



46.4194, 47.1348, 53.1057



44.5340, 47.1348, 46.6226



43.4801, 47.1348, 54.4708

Complementary

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



46.4194, 47.1348, 53.1057



45.8894, 49.9922, 52.5807

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.



43.1279, 47.1348, 52.0895



46.4194, 47.1348, 53.1057



43.7310, 47.1348, 47.5971

Square

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



46.4194, 47.1348, 53.1057



45.4189, 47.1348, 46.8744



43.2191, 47.1348, 49.5783



44.1872, 47.1348, 56.0420

Rectangle

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



46.4194, 47.1348, 53.1057



46.3173, 47.1348, 48.9816



43.2191, 47.1348, 49.5783



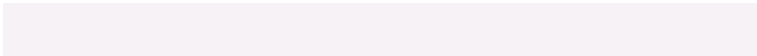
43.3167, 47.1348, 53.7354

Sweetspot

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



46.4207, 47.1368, 53.1067



86.8916, 90.1975, 99.5132



45.3845, 46.5528, 55.3095



19.1001, 19.8403, 21.8751



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.



46.4207, 47.1368, 53.1067



83.4202, 84.2136, 95.3999



45.8986, 46.9280, 50.3572



10.0399, 10.1036, 11.4793



16.1784, 8.1025, 11.4992



0.6652, 0.3300, 0.6163

Inverse Universe

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



46.4207, 47.1368, 53.1067



83.4202, 84.2136, 95.3999



46.4227, 50.2055, 55.3890



10.0399, 10.1036, 11.4793



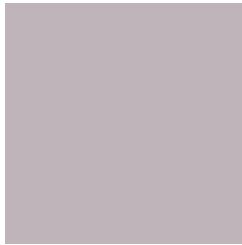
16.1784, 8.1025, 11.4992



0.6652, 0.3300, 0.6163

Previews

White Background



This preview shows how the XYZ color 46.4194, 47.1348, 53.1057 looks on a white background.

Color Contrast Check

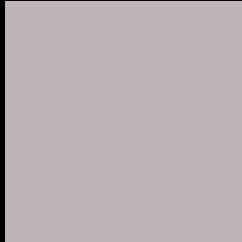
Large Text (above 18pt) WCAG AA × Fail

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 46.4194, 47.1348, 53.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

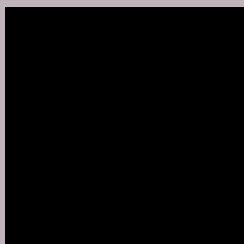
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4194, 47.1348, 53.1057

Background



This preview shows how black text looks on a background with the XYZ color 46.4194, 47.1348, 53.1057.



This preview shows how white text looks on a background with the XYZ color 46.4194, 47.1348,

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

46.4194, 47.1348, 53.1057

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

47.2316, 47.1668, 57.0668

Trichromacy



Original Color

46.4194, 47.1348, 53.1057

Protanomaly

45.9870, 47.2004, 53.7005

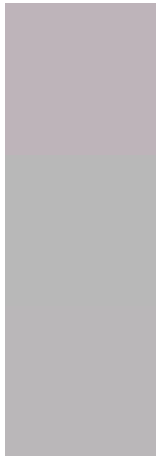
Deuteranomaly

47.3957, 47.0307, 53.5935

Tritanomaly

46.9002, 47.0343, 55.3218

Monochromacy



Original Color

46.4194, 47.1348, 53.1057

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9401, 47.8089, 52.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4194, 47.1348, 53.1057 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(190, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 186)  
}
```

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(190, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.4194, 47.1348, 53.1057 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(190, 180, 186) }
```


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

```
.border{ border-color:rgb(190, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4194, 47.1348, 53.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 186) }
```

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

```
.background{ background-color: rgb(190,  
180, 186) }
```

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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