

Converting Colors

XYZ(46.0057, 47.5113, 53.8672)

Have a look what the booklet for
XYZ(46.0057, 47.5113, 53.8672)
contains.

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Color

**XYZ(45.9473, 47.4829,
53.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB6BB
RGB	186, 182, 187
RGB Percent	73%, 71%, 73%
CMY	0.2706, 0.2863, 0.2667
CMYK	0.01, 0.03, 0.00, 0.27
HSL	288°, 4%, 72%
HSV	288°, 3%, 73%
XYZ	45.9473, 47.4829, 53.7571
YIQ	183.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

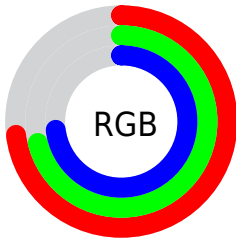
Format	Color
R _Y B	186, 182, 187
Decimal	12236475
CIE Lab	74.50, 2.34, -2.04
CIE LCh	74, 3.104, 318.864
Yxy	47.4829, 0.3122, 0.3226
Android (android.graphics.Color)	4290426555 (0xFFBAB6BB)
YUV	183.7660, 1.5944, 1.9592
Hunter-Lab	68.9078, -1.5661, 1.9816

Details

The XYZ color **45.9473, 47.4829, 53.7571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7441, 48.9866, 51.3028**, and the grayscale version is **45.4232, 47.7888, 52.0420**.

A 20% lighter version of the original color is **83.3701, 86.4974, 97.0956**, and **21.8262, 22.4083, 25.7291** is the 20% darker color. If you saturate the color by 10%, you get **41.4737, 39.8672, 52.5236**, and if you desaturate by 10%, it is **50.9589, 56.1378, 55.1642**.

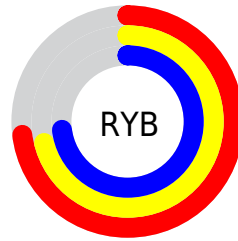
Distribution



Red (73%)

Green (71%)

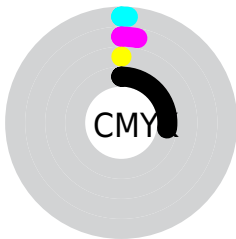
Blue (73%)



Red (73%)

Yellow (71%)

Blue (73%)

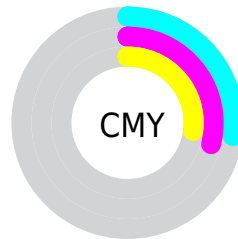


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9473, 47.4829, 53.7571 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 45.9473, 47.4829, 53.7571 by changing the saturation by 10% instead.

■ 45.9473, 47.4829,
53.7571

■ 45.9473, 47.4829,
53.7571

361.3162,
376.7388, 418.3315

■ 32.4087, 33.4176,
38.0156

■ 83.3685, 86.4340,
97.1703

■ 21.8309, 22.4465,
25.6929

107.9817,
112.0885, 125.6791

■ 13.8486, 14.1854,
16.3703

137.0173,
142.3750, 159.2809

■ 8.0964, 8.2497,
9.6294

170.8404,
177.6776, 198.3940

■ 4.2090, 4.2551,
5.0516

209.8165,
218.3810, 243.4371

■ 1.8211, 1.8173,
2.2183

254.3109,

■ 0.5303, 0.4979,

264.8693, 294.8287

0.6849

304.6891,
317.5271, 352.9873

■ 0.0000, 0.0000,
0.0000

■ 45.9473, 47.4829,
53.7571

■ 45.9473, 47.4829,
53.7571

■ 41.4737, 39.8672,
52.5236

■ 50.9589, 56.1378,
55.1642

■ 37.5136, 33.2442,
51.4540

■ 56.5235, 65.8639,
56.7483

■ 34.0469, 27.5730,
50.5420

■ 62.6607, 76.6993,
58.5163

■ 31.0503, 22.8074,
49.7801

■ 68.8093, 87.5214,
60.2811

■ 28.4986, 18.8974,
49.1599

■ 69.8275, 88.0463,
60.3287

■ 26.3642, 15.7881,
48.6722

■ 70.8705, 88.5839,
60.3775

■ 24.6163, 13.4181,
48.3069

■ 71.9382, 89.1344,
60.4275

■ 23.2196, 11.7169,
48.0522

■ 73.0310, 89.6977,
60.4786

■ 22.1317, 10.6004,
47.8940

■ 74.1490, 90.2741,
60.5310

Harmonies

Analogous

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



45.4803, 47.4829, 54.6756



45.9473, 47.4829, 53.7571



46.1963, 47.4829, 52.2990

Triad

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



45.9473, 47.4829, 53.7571



45.3395, 47.4829, 48.7323



44.1193, 47.4829, 52.7048

Complementary

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



45.9473, 47.4829, 53.7571



45.7441, 48.9866, 51.3028

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.



44.0823, 47.4829, 51.1072



45.9473, 47.4829, 53.7571



44.7837, 47.4829, 48.8359

Square

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



45.9473, 47.4829, 53.7571



45.8435, 47.4829, 49.4118



44.3246, 47.4829, 49.6976



44.4261, 47.4829, 54.0595

Rectangle

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



45.9473, 47.4829, 53.7571



46.2039, 47.4829, 51.2268



44.3246, 47.4829, 49.6976



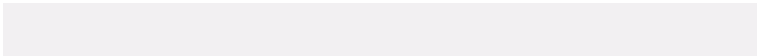
44.0750, 47.4829, 52.1777

Sweetspot

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



45.9487, 47.4849, 53.7581



83.7113, 87.4802, 96.6747



45.2137, 47.4365, 53.7875



18.4445, 19.2815, 21.2921



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.9487, 47.4849, 53.7581



81.9738, 84.4973, 96.1905



46.0416, 47.5503, 52.9751



10.3157, 10.5826, 12.1712



14.8524, 6.9427, 32.9502



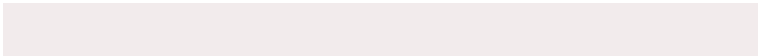
0.6302, 0.2969, 1.2929

Inverse Universe

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



45.7704, 47.4418, 51.5470



81.6110, 84.4097, 91.6814



45.6541, 48.9232, 52.0663



10.2597, 10.5692, 11.4719



14.3761, 7.3816, 2.0081



0.5867, 0.2986, 0.2026

Previews

White Background



This preview shows how the XYZ color 45.9473, 47.4829, 53.7571 looks on a white background.

Color Contrast Check

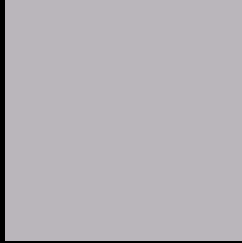
Large Text (above 18pt) WCAG AA × Fail

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 45.9473, 47.4829, 53.7571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

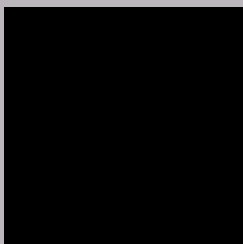
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

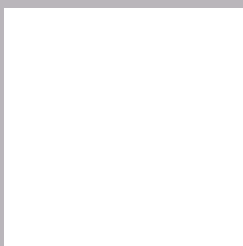
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9473, 47.4829, 53.7571

Background



This preview shows how black text looks on a background with the XYZ color 45.9473, 47.4829, 53.7571.

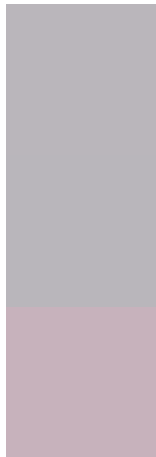


This preview shows how white text looks on a background with the XYZ color 45.9473, 47.4829,

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

45.9473, 47.4829, 53.7571

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

48.5507, 47.6137, 54.2084



Tritanopia

46.8677, 47.5527, 58.3381

Trichromacy



Original Color

45.9473, 47.4829, 53.7571

Protanomaly

45.7052, 47.3580, 53.7458

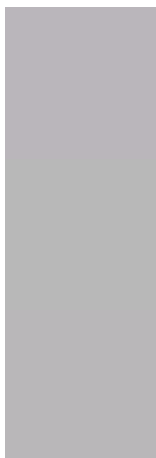
Deuteranomaly

47.4453, 47.3404, 54.2139

Tritanomaly

46.5318, 47.4183, 56.5693

Monochromacy



Original Color

45.9473, 47.4829, 53.7571

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6980, 47.6840, 52.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9473, 47.4829, 53.7571 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(186, 182, 187) looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 187)  
}
```

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(186, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.9473, 47.4829, 53.7571 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(186, 182, 187) }
```


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

```
.border{ border-color:rgb(186, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9473, 47.4829, 53.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 187) }
```

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

```
.background{ background-color: rgb(186,  
182, 187) }
```

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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