

Converting Colors

XYZ(46.7105, 48.4766, 54.4782)

Have a look what the booklet for
XYZ(46.7105, 48.4766, 54.4782)
contains.

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Color

**XYZ(46.7111, 48.4766,
54.4719)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB8BC
RGB	187, 184, 188
RGB Percent	73%, 72%, 74%
CMY	0.2667, 0.2784, 0.2627
CMYK	0.01, 0.02, 0.00, 0.26
HSL	285°, 3%, 73%
HSV	285°, 2%, 74%
XYZ	46.7111, 48.4766, 54.4719
YIQ	185.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

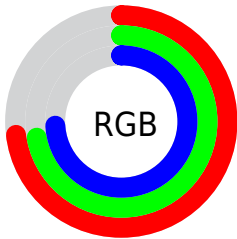
Format	Color
R _Y B	187, 184, 188
Decimal	12302524
CIE Lab	75.12, 1.80, -1.66
CIE LCh	75, 2.446, 317.309
Yxy	48.4766, 0.3121, 0.3239
Android (android.graphics.Color)	4290492604 (0xFFBBB8BC)
YUV	185.3530, 1.3050, 1.4444
Hunter-Lab	69.6251, -2.0894, 2.3515

Details

The XYZ color **46.7111, 48.4766, 54.4719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6443, 49.7427, 52.4927**, and the grayscale version is **46.3046, 48.7160, 53.0517**.

A 20% lighter version of the original color is **84.4514, 87.9065, 98.1045**, and **22.3210, 23.0502, 26.1944** is the 20% darker color. If you saturate the color by 10%, you get **41.9311, 40.5963, 53.2035**, and if you desaturate by 10%, it is **52.0506, 57.4185, 55.9172**.

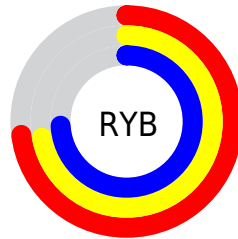
Distribution



Red (73%)

Green (72%)

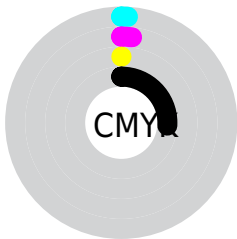
Blue (74%)



Red (73%)

Yellow (72%)

Blue (74%)

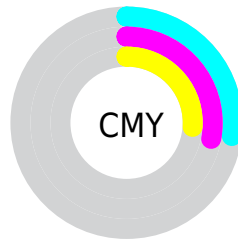


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7111, 48.4766, 54.4719 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 46.7111, 48.4766, 54.4719 by changing the saturation by 10% instead.

■ 46.7111, 48.4766,
54.4719

■ 46.7111, 48.4766,
54.4719

364.3284,
380.6782, 421.1323

■ 33.0143, 34.2045,
38.5833

■ 84.5036, 87.9136,
98.2302

■ 22.2967, 23.0507,
26.1304

109.3300,
113.8472, 126.9369

■ 14.1929, 14.6310,
16.6946

138.5970,
144.4369, 160.7535

■ 8.3375, 8.5608,
9.8573

172.6700,
180.0668, 200.0984

■ 4.3653, 4.4558,
5.2001

211.9142,
221.1215, 245.3902

■ 1.9108, 1.9317,
2.3044

256.6952,

■ 0.5831, 0.5673,

267.9854, 297.0474

0.7337

307.3781,
321.0428, 355.4886

■ 0.0000, 0.0000,
0.0000

■ 46.7111, 48.4766,
54.4719

■ 46.7111, 48.4766,
54.4719

■ 41.9311, 40.5963,
53.2035

■ 52.0506, 57.4185,
55.9172

■ 37.6857, 33.7306,
52.1020

■ 57.9649, 67.4543,
57.5425

■ 33.9543, 27.8379,
51.1613

■ 64.4741, 78.6227,
59.3552

■ 30.7134, 22.8718,
50.3736

■ 70.2396, 88.2463,
60.9089

■ 27.9373, 18.7816,
49.7304

■ 71.5635, 88.9288,
60.9708

■ 25.5980, 15.5118,
49.2226

■ 72.9269, 89.6316,
61.0346

■ 23.6644, 13.0006,
48.8398

■ 74.3299, 90.3549,
61.1003

■ 22.1007, 11.1772,
48.5702

■ 75.7731, 91.0989,
61.1678

■ 20.8643, 9.9568,
48.3998

■ 77.2566, 91.8637,
61.2373

Harmonies

Analogous

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



46.3321, 48.4766, 55.1713



46.7111, 48.4766, 54.4719



46.9204, 48.4766, 53.3262

Triad

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



46.7111, 48.4766, 54.4719



46.2649, 48.4766, 50.4143



45.2587, 48.4766, 53.5196

Complementary

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



46.7111, 48.4766, 54.4719



46.6443, 49.7427, 52.4927

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.



45.2410, 48.4766, 52.2431



46.7111, 48.4766, 54.4719



45.8199, 48.4766, 50.4642

Square

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



46.7111, 48.4766, 54.4719



46.6616, 48.4766, 50.9916



45.4458, 48.4766, 51.1289



45.4944, 48.4766, 54.6154

Rectangle

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



46.7111, 48.4766, 54.4719



46.9346, 48.4766, 52.4698



45.4458, 48.4766, 51.1289



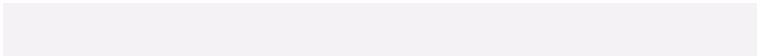
45.2271, 48.4766, 53.0970

Sweetspot

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



46.7125, 48.4787, 54.4730



85.6813, 89.5610, 98.9973



46.2091, 48.5491, 54.5131



18.4358, 19.2771, 21.2917



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.



46.7125, 48.4787, 54.4730



83.8166, 86.4612, 98.4973



46.8577, 48.5651, 53.9566



10.2965, 10.5727, 12.1703



13.7257, 6.3620, 32.8975



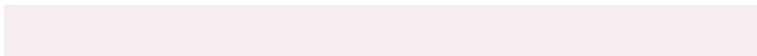
0.5942, 0.2783, 1.2913

Inverse Universe

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



46.6382, 48.4773, 52.8003



83.6262, 86.4586, 94.1694



46.5020, 49.6580, 52.9981



10.2679, 10.5725, 11.5151



14.4957, 7.4294, 2.6380



0.5950, 0.3019, 0.2468

Previews

White Background



This preview shows how the XYZ color 46.7111, 48.4766, 54.4719 looks on a white background.

Color Contrast Check

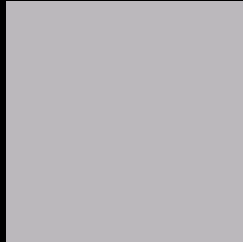
Large Text (above 18pt) WCAG AA × Fail

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 46.7111, 48.4766, 54.4719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

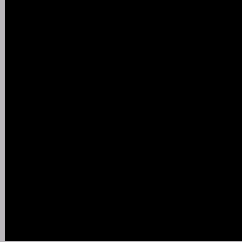
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

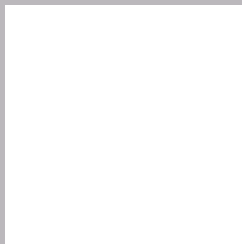
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7111, 48.4766, 54.4719

Background



This preview shows how black text looks on a background with the XYZ color 46.7111, 48.4766, 54.4719.



This preview shows how white text looks on a background with the XYZ color 46.7111, 48.4766,

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

46.7111, 48.4766, 54.4719

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.3928, 48.3318, 54.8698



Tritanopia

47.7506, 48.5896, 59.6853

Trichromacy



Original Color

46.7111, 48.4766, 54.4719

Protanomaly

46.7111, 48.4766, 54.4719

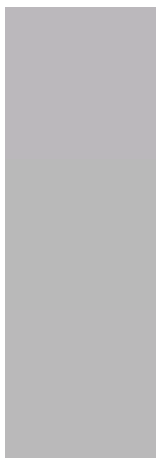
Deuteranomaly

48.4741, 48.4576, 54.9425

Tritanomaly

47.4101, 48.4534, 57.8926

Monochromacy



Original Color

46.7111, 48.4766, 54.4719

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4616, 48.6822, 53.4022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7111, 48.4766, 54.4719 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(187, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 188)  
}
```

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(187, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.7111, 48.4766, 54.4719 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(187, 184, 188) }
```


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

```
.border{ border-color:rgb(187, 184, 188) }
```

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

Here you see how a box with a 4 pixel rgb(187, 184, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7111, 48.4766, 54.4719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 188) }
```

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

```
.background{ background-color: rgb(187,  
184, 188) }
```

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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