

Converting Colors

XYZ(46.6026, 47.5904, 50.4457)

Have a look what the booklet for
XYZ(46.6026, 47.5904, 50.4457)
contains.

XYZ(46.6026, 47.5904, 50.4457)	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(46.6026, 47.5904,
50.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B5B5
RGB	192, 181, 181
RGB Percent	75%, 71%, 71%
CMY	0.2471, 0.2902, 0.2902
CMYK	0.00, 0.06, 0.06, 0.25
HSL	0°, 8%, 73%
HSV	0°, 6%, 75%
XYZ	46.6026, 47.5904, 50.4457
YIQ	184.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

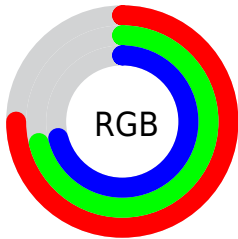
Format	Color
R_{YB}	192, 181, 181
Decimal	12629429
CIE _{Lab}	74.57, 3.90, 1.39
CIE _{LCh}	75, 4.141, 19.624
Yxy	47.5904, 0.3222, 0.3290
Android (android.graphics.Color)	4290819509 (0xFFC0B5B5)
YUV	184.2890, -1.6215, 6.7625
Hunter-Lab	68.9858, -0.1414, 4.9344

Details

The XYZ color **46.6026, 47.5904, 50.4457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4201, 51.3280, 57.2778**, and the grayscale version is **45.7270, 48.1083, 52.3900**.

A 20% lighter version of the original color is **84.2816, 86.6393, 92.4017**, and **22.2629, 22.4858, 23.5889** is the 20% darker color. If you saturate the color by 10%, you get **41.1294, 39.5820, 39.5622**, and if you desaturate by 10%, it is **52.8878, 56.7869, 62.9406**.

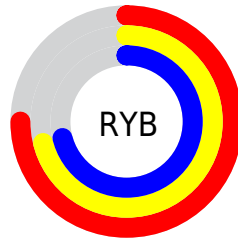
Distribution



Red (75%)

Green (71%)

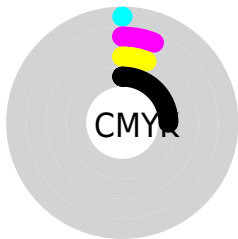
Blue (71%)



Red (75%)

Yellow (71%)

Blue (71%)

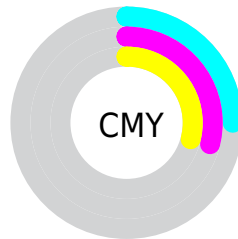


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6026, 47.5904, 50.4457 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 46.6026, 47.5904, 50.4457 by changing the saturation by 10% instead.

■ 46.6026, 47.5904,
50.4457

■ 46.6026, 47.5904,
50.4457

363.9015,
377.1663, 405.1912

■ 32.9282, 33.5026,
35.3940

■ 84.3425, 86.5942,
92.2380

■ 22.2304, 22.5118,
23.6806

109.1387,
112.2791, 119.8157

■ 14.1439, 14.2334,
14.8868

138.3729,
142.5984, 152.4058

■ 8.3032, 8.2832,
8.5943

172.4105,
177.9367, 190.4268

■ 4.3430, 4.2767,
4.3843

211.6168,
218.6782, 234.2973

■ 1.8979, 1.8295,
1.8385

256.3572,

■ 0.5756, 0.5055,

265.2073, 284.4359

0.4531

306.9969,
317.9086, 341.2610

■ 0.0000, 0.0000,
0.0000

■ 46.6026, 47.5904,
50.4457

■ 46.6026, 47.5904,
50.4457

■ 41.1294, 39.5820,
39.5622

■ 52.8878, 56.7869,
62.9406

■ 36.4312, 32.7075,
30.2215

■ 60.0119, 67.2107,
77.1053

■ 32.4742, 26.9175,
22.3548

■ 68.0056, 78.9069,
92.9994

■ 29.2206, 22.1566,
15.8868

■ 75.5485, 89.9466,
107.9873

■ 26.6293, 18.3647,
10.7357

■ 24.6548, 15.4752,
6.8110

■ 23.2459, 13.4133,
4.0111

■ 22.3433, 12.0923,
2.2178

■ 21.8730, 11.4038,
1.2838

Harmonies

Analogous

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



46.6639, 47.5904, 52.5638



46.6026, 47.5904, 50.4457



46.1721, 47.5904, 48.7405

Triad

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



46.6026, 47.5904, 50.4457



44.1456, 47.5904, 49.1931



44.9745, 47.5904, 55.9794

Complementary

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



46.6026, 47.5904, 50.4457



47.4201, 51.3280, 57.2778

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.



44.3072, 47.5904, 55.0221



46.6026, 47.5904, 50.4457



43.8321, 47.5904, 51.0790

Square

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



46.6026, 47.5904, 50.4457



44.7516, 47.5904, 48.0312



43.8910, 47.5904, 53.2147



45.7184, 47.5904, 55.7984

Rectangle

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



46.6026, 47.5904, 50.4457



45.7363, 47.5904, 48.0488



43.8910, 47.5904, 53.2147



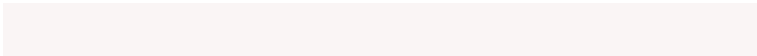
44.7339, 47.5904, 55.7790

Sweetspot

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



46.6039, 47.5925, 50.4467



88.4782, 92.1386, 99.4290



47.7772, 48.0607, 56.6283



19.0062, 19.8028, 21.3798



92.9021, 97.7402, 106.4391



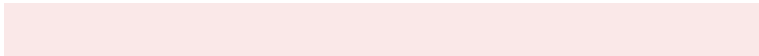
19.4759, 20.4902, 22.3138

Same Dimension

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



46.6039, 47.5925, 50.4467



82.9847, 84.1005, 88.5066



47.7438, 49.8722, 50.8267



10.3134, 10.4295, 10.9533



14.6280, 7.5418, 0.6847



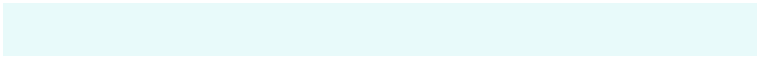
0.6321, 0.3260, 0.0296

Inverse Universe

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



47.4201, 51.3280, 57.2778



84.8035, 92.4257, 103.7306



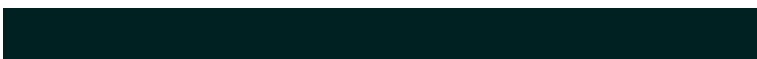
46.2356, 48.9591, 56.8830



10.5523, 11.5229, 12.9528



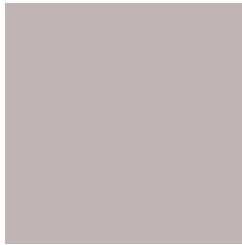
19.0776, 27.9116, 37.9386



0.8244, 1.2062, 1.6392

Previews

White Background



This preview shows how the XYZ color 46.6026, 47.5904, 50.4457 looks on a white background.

Color Contrast Check

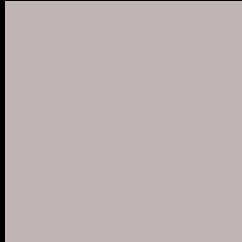
Large Text (above 18pt) WCAG AA × Fail

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 46.6026, 47.5904, 50.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

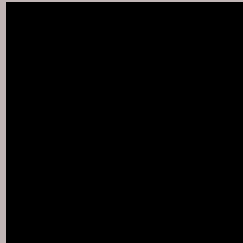
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

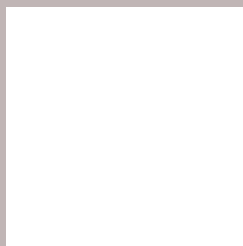
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6026, 47.5904, 50.4457

Background



This preview shows how black text looks on a background with the XYZ color 46.6026, 47.5904, 50.4457.



This preview shows how white text looks on a background with the XYZ color 46.6026, 47.5904,

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

46.6026, 47.5904, 50.4457

Protanopia

45.8705, 47.8092, 51.0664

Deuteranopia

48.7210, 47.7747, 50.9095



Tritanopia

47.9939, 47.5598, 57.1025

Trichromacy



Original Color

46.6026, 47.5904, 50.4457

Protanomaly

46.1577, 47.6521, 51.0210

Deuteranomaly

47.8523, 47.6234, 50.9261

Tritanomaly

47.4989, 47.6541, 54.8388

Monochromacy



Original Color

46.6026, 47.5904, 50.4457

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9742, 47.8507, 51.6127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6026, 47.5904, 50.4457 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(192, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 181)  
}
```

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(192, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.6026, 47.5904, 50.4457 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(192, 181, 181) }
```


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

```
.border{ border-color:rgb(192, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6026, 47.5904, 50.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 181) }
```

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

```
.background{ background-color: rgb(192,  
181, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor