

Converting Colors

XYZ(50.5754, 54.9284, 47.0820)

Have a look what the booklet for
XYZ(50.5754, 54.9284, 47.0820)
contains.

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Color

**XYZ(50.4386, 54.7814,
46.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5AC
RGB	197, 197, 172
RGB Percent	77%, 77%, 67%
CMY	0.2274, 0.2274, 0.3255
CMYK	0.00, 0.00, 0.13, 0.23
HSL	60°, 18%, 72%
HSV	60°, 13%, 77%
XYZ	50.4386, 54.7814, 46.9452
YIQ	194.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

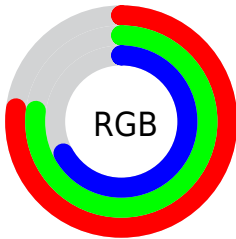
Format	Color
RYB	172, 197, 172
Decimal	12961196
CIELab	78.92, -4.31, 12.56
CIELCh	79, 13.275, 108.959
Yxy	54.7814, 0.3315, 0.3600
Android (android.graphics.Color)	4291151276 (0xFFC5C5AC)
YUV	194.1500, -10.9200, 2.4994
Hunter-Lab	74.0145, -7.8830, 14.2042

Details

The XYZ color **50.4386, 54.7814, 46.9452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8460, 42.3084, 58.7871**, and the grayscale version is **51.4275, 54.1058, 58.9212**.

A 20% lighter version of the original color is **90.1800, 97.5005, 86.7395**, and **24.5403, 26.8406, 21.6566** is the 20% darker color. If you saturate the color by 10%, you get **48.6848, 54.0816, 37.7080**, and if you desaturate by 10%, it is **52.4759, 55.5982, 57.6620**.

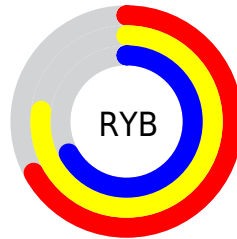
Distribution



Red (77%)

Green (77%)

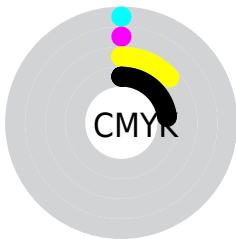
Blue (67%)



Red (67%)

Yellow (77%)

Blue (67%)

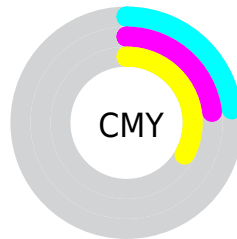


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4386, 54.7814, 46.9452 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 50.4386, 54.7814, 46.9452 by changing the saturation by 10% instead.

■ 50.4386, 54.7814,
46.9452

■ 50.4386, 54.7814,
46.9452

378.8024,
405.0828, 390.9832

■ 35.9812, 39.2267,
32.6383

■ 90.0123, 97.2206,
86.9809

■ 24.5898, 26.9362,
21.5807

115.8594,
124.8739, 113.5469

■ 15.8988, 17.5253,
13.3537

146.2338,
157.3289, 145.0362

■ 9.5429, 10.6097,
7.5390

181.5008,
194.9700, 181.8675

■ 5.1569, 5.8050,
3.7179

222.0258,
238.1815, 224.4593

■ 2.3753, 2.7269,
1.4719

268.1742,

■ 0.8328, 0.9909,

287.3479, 273.2302

0.1969

320.3112,
342.8535, 328.5986

■ 0.0000, 0.0000,
0.0000

■ 50.4386, 54.7814,
46.9452

■ 50.4386, 54.7814,
46.9452

■ 48.6848, 54.0816,
37.7080

■ 52.4759, 55.5982,
57.6620

■ 47.1978, 53.4867,
29.8823

■ 54.8037, 56.5295,
69.9158

■ 45.9659, 52.9938,
23.3995

■ 57.4346, 57.5819,
83.7650

■ 44.9746, 52.5972,
18.1842

■ 60.3787, 58.7597,
99.2640

■ 44.2083, 52.2906,
14.1535

■ 61.0480, 59.0275,
102.7836

■ 43.6493, 52.0669,
11.2146

■ 61.0489, 59.0279,
102.7837

■ 43.2775, 51.9180,
9.2610

■ 61.0497, 59.0284,
102.7837

■ 43.0684, 51.8343,
8.1648

■ 61.0506, 59.0289,
102.7837

■ 42.9858, 51.8012,
7.7330

■ 61.0515, 59.0293,
102.7838

Harmonies

Analogous

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



53.0448, 54.7814, 46.5043



50.4386, 54.7814, 46.9452



48.3379, 54.7814, 50.6149

Triad

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



50.4386, 54.7814, 46.9452



48.8104, 54.7814, 71.2800



57.2031, 54.7814, 62.4710

Complementary

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



50.4386, 54.7814, 46.9452



41.8460, 42.3084, 58.7871

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.



55.9854, 54.7814, 69.6957



50.4386, 54.7814, 46.9452



51.1034, 54.7814, 75.0598

Square

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



50.4386, 54.7814, 46.9452



47.4200, 54.7814, 64.4893



53.7323, 54.7814, 74.4567



57.0104, 54.7814, 55.0546

Rectangle

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



50.4386, 54.7814, 46.9452



47.4792, 54.7814, 54.5861



53.7323, 54.7814, 74.4567



56.9435, 54.7814, 65.0127

Sweetspot

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



50.4401, 54.7838, 46.9464



93.4503, 99.3600, 100.4793



45.2266, 44.3553, 45.2082



19.9399, 21.2422, 21.1786



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.



50.4401, 54.7838, 46.9464



89.4895, 97.7755, 79.6312



47.3019, 53.1660, 46.7995



11.5238, 12.4169, 11.3521



28.2722, 34.0702, 5.0861



1.3387, 1.6133, 0.2408

Inverse Universe

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



41.8460, 42.3084, 58.7871



71.3414, 71.4314, 104.6353



44.7194, 43.7897, 58.9216



10.0569, 10.2876, 13.3731



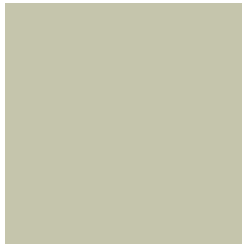
6.6292, 2.6517, 34.9068



0.3140, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 50.4386, 54.7814, 46.9452 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 50.4386, 54.7814, 46.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

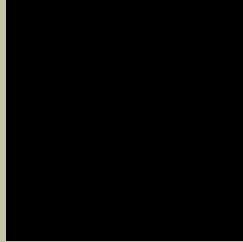
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

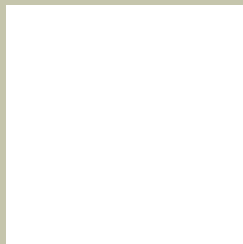
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4386, 54.7814, 46.9452

Background



This preview shows how black text looks on a background with the XYZ color 50.4386, 54.7814, 46.9452.



This preview shows how white text looks on a background with the XYZ color 50.4386, 54.7814,

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

50.4386, 54.7814, 46.9452

Protanopia

51.7676, 54.8079, 46.3786

Deuteranopia

55.7474, 54.5520, 47.6358



Tritanopia

54.4692, 54.7608, 66.7305

Trichromacy



Original Color

50.4386, 54.7814, 46.9452

Protanomaly

51.1780, 54.8376, 46.4154

Deuteranomaly

53.6142, 54.4249, 47.2144

Tritanomaly

52.8488, 54.7580, 58.8229

Monochromacy



Original Color

50.4386, 54.7814, 46.9452

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8837, 54.1775, 54.2298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4386, 54.7814, 46.9452 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(197, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 172)  
}
```

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(197, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.4386, 54.7814, 46.9452 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(197, 197, 172) }
```


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

```
.border{ border-color:rgb(197, 197, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4386, 54.7814, 46.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 172) }
```

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

```
.background{ background-color: rgb(197,  
197, 172) }
```

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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