

Converting Colors

XYZ(50.6338, 54.7813, 46.9356)

Have a look what the booklet for
XYZ(50.6338, 54.7813, 46.9356)
contains.

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Color

**XYZ(50.7013, 54.9168,
46.9575)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6C5AC |
| RGB | 198, 197, 172 |
| RGB Percent | 78%, 77%, 67% |
| CMY | 0.2235, 0.2274, 0.3255 |
| CMYK | 0.00, 0.01, 0.13, 0.22 |
| HSL | 58°, 19%, 73% |
| HSV | 58°, 13%, 78% |
| XYZ | 50.7013, 54.9168, 46.9575 |
| YIQ | 194.4490, 8.6210, -7.5630 |

Conversions

Conversions Part 2

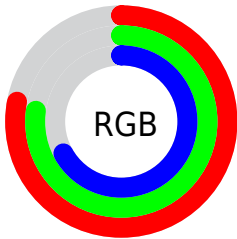
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 173, 198, 172 |
| Decimal | 13026732 |
| CIELab | 78.99, -3.95, 12.68 |
| CIELCh | 79, 13.277, 107.300 |
| Yxy | 54.9168, 0.3323, 0.3599 |
| Android (android.graphics.Color) | 4291216812 (0xFFC6C5AC) |
| YUV | 194.4490, -11.0674, 3.1142 |
| Hunter-Lab | 74.1059, -7.5602, 14.3047 |

Details

The XYZ color **50.7013, 54.9168, 46.9575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1498, 42.7342, 59.4534**, and the grayscale version is **51.6054, 54.2929, 59.1250**.

A 20% lighter version of the original color is **90.5469, 97.6897, 86.7567**, and **24.7142, 26.9303, 21.6648** is the 20% darker color. If you saturate the color by 10%, you get **48.7685, 53.8707, 37.6201**, and if you desaturate by 10%, it is **52.9213, 56.0828, 57.7898**.

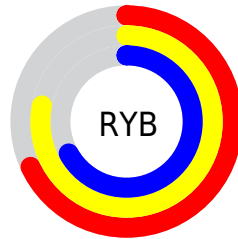
Distribution



Red (78%)

Green (77%)

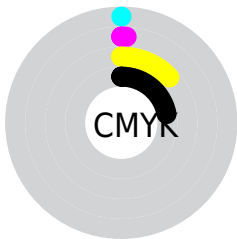
Blue (67%)



Red (68%)

Yellow (78%)

Blue (67%)

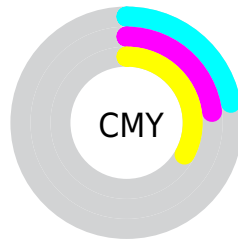


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7013, 54.9168, 46.9575 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 50.7013, 54.9168, 46.9575 by changing the saturation by 10% instead.

■ 50.7013, 54.9168,
46.9575

■ 50.7013, 54.9168,
46.9575

379.8090,
405.5965, 391.0337

■ 36.1910, 39.3351,
32.6480

■ 90.3987, 97.4190,
86.9995

■ 24.7526, 27.0205,
21.5880

116.3166,
125.1084, 113.5690

■ 16.0205, 17.5886,
13.3591

146.7676,
157.6024, 145.0623

■ 9.6296, 10.6551,
7.5426

182.1173,
195.2855, 181.8979

■ 5.2145, 5.8354,
3.7202

222.7309,
238.5421, 224.4942

■ 2.4097, 2.7452,
1.4731

268.9738,

■ 0.8499, 1.0002,

287.7565, 273.2700

0.1978

321.2114,
343.3132, 328.6436

■ 0.0000, 0.0000,
0.0000

■ 50.7013, 54.9168,
46.9575

■ 50.7013, 54.9168,
46.9575

■ 48.7685, 53.8707,
37.6201

■ 52.9213, 56.0828,
57.7898

■ 47.1060, 52.9323,
29.7083

■ 55.4358, 57.3662,
70.1753

■ 45.7018, 52.0986,
23.1527

■ 58.2573, 58.7738,
84.1731

■ 44.5414, 51.3637,
17.8765

■ 61.3963, 60.3097,
99.8387

■ 43.6087, 50.7214,
13.7953

■ 62.1780, 60.9042,
103.0863

■ 42.8859, 50.1644,
10.8148

■ 62.3550, 61.2581,
103.1453

■ 42.3523, 49.6844,
8.8263

■ 62.5328, 61.6138,
103.2046

■ 41.9829, 49.2715,
7.6990

■ 62.7115, 61.9712,
103.2641

■ 41.7930, 49.0142,
7.2580

■ 62.8911, 62.3304,
103.3240

Harmonies

Analogous

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



53.3211, 54.9168, 46.7008



50.7013, 54.9168, 46.9575



48.5533, 54.9168, 50.4652

Triad

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



50.7013, 54.9168, 46.9575



48.8284, 54.9168, 71.1318



57.3087, 54.9168, 63.0495

Complementary

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



50.7013, 54.9168, 46.9575



42.1498, 42.7342, 59.4534

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.



56.0181, 54.9168, 70.2093



50.7013, 54.9168, 46.9575



51.0884, 54.9168, 75.1331

Square

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



50.7013, 54.9168, 46.9575



47.4973, 54.9168, 64.2246



53.7214, 54.9168, 74.7820



57.1965, 54.9168, 55.5740

Rectangle

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



50.7013, 54.9168, 46.9575



47.6511, 54.9168, 54.3568



53.7214, 54.9168, 74.7820



57.0227, 54.9168, 65.5845

Sweetspot

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



50.7028, 54.9192, 46.9587



93.3264, 99.1114, 100.4378



45.6137, 44.5403, 45.8814



19.9084, 21.1790, 21.1680



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.



50.7028, 54.9192, 46.9587



88.6667, 96.6524, 77.7349



47.9637, 53.8439, 46.8955



11.4877, 12.3446, 11.3400



27.1938, 31.9048, 4.7250



1.2987, 1.5329, 0.2274

Inverse Universe

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



42.1498, 42.7342, 59.4534



70.3350, 70.5363, 104.5156



44.6416, 43.7364, 59.5155



10.0887, 10.3515, 13.3838



6.6966, 2.7872, 34.9294



0.3287, 0.1552, 1.6578

Previews

White Background



This preview shows how the XYZ color 50.7013, 54.9168, 46.9575 looks on a white background.

Color Contrast Check

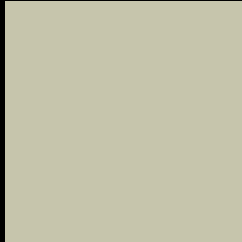
Large Text (above 18pt) WCAG AA × Fail

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 50.7013, 54.9168, 46.9575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

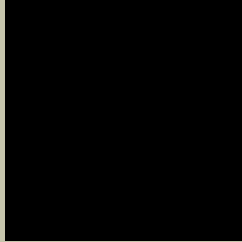
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

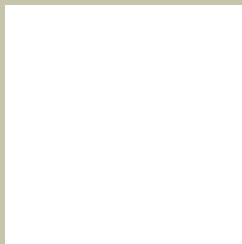
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7013, 54.9168, 46.9575

Background



This preview shows how black text looks on a background with the XYZ color 50.7013, 54.9168, 46.9575.



This preview shows how white text looks on a background with the XYZ color 50.7013, 54.9168,

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

50.7013, 54.9168, 46.9575

Protanopia

52.0426, 54.9496, 46.3915

Deuteranopia

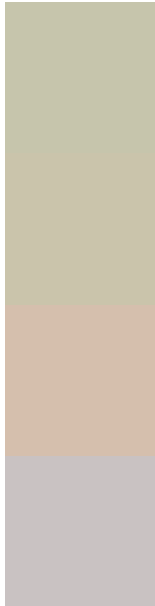
55.7474, 54.5520, 47.6358



Tritanopia

54.7407, 54.9008, 66.7432

Trichromacy



Original Color

50.7013, 54.9168, 46.9575

Protanomaly

51.4477, 54.9767, 46.4281

Deuteranomaly

53.6142, 54.4249, 47.2144

Tritanomaly

53.1168, 54.8961, 58.8354

Monochromacy



Original Color

50.7013, 54.9168, 46.9575

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 50.7013, 54.9168, 46.9575 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(198, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.7013, 54.9168, 46.9575 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(198, 197, 172) }
```


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

```
.border{ border-color:rgb(198, 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(198, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7013, 54.9168, 46.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 172) }
```

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

```
.background{ background-color: rgb(198,  
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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