

Converting Colors

XYZ(52.0733, 58.4690, 44.7387)

Have a look what the booklet for
XYZ(52.0733, 58.4690, 44.7387)
contains.

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Color

**XYZ(52.0030, 58.4216,
44.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDA6
RGB	198, 205, 166
RGB Percent	78%, 80%, 65%
CMY	0.2235, 0.1961, 0.3490
CMYK	0.03, 0.00, 0.19, 0.20
HSL	71°, 28%, 73%
HSV	71°, 19%, 80%
XYZ	52.0030, 58.4216, 44.6120
YIQ	198.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

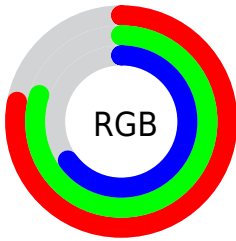
Format	Color
RYB	166, 205, 173
Decimal	13028774
CIELab	80.97, -9.04, 18.65
CIELCh	81, 20.723, 115.859
Yxy	58.4216, 0.3354, 0.3768
Android (android.graphics.Color)	4291218854 (0xFFC6CDA6)
YUV	198.4610, -16.0033, -0.4043
Hunter-Lab	76.4340, -12.3145, 18.8982

Details

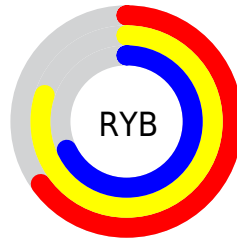
The XYZ color **52.0030, 58.4216, 44.6120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8914, 40.5660, 63.3829**, and the grayscale version is **54.0493, 56.8641, 61.9250**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **25.6055, 29.2774, 20.2211** is the 20% darker color. If you saturate the color by 10%, you get **49.3123, 57.2365, 35.4398**, and if you desaturate by 10%, it is **55.0202, 59.7439, 55.3666**.

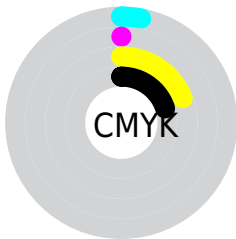
Distribution



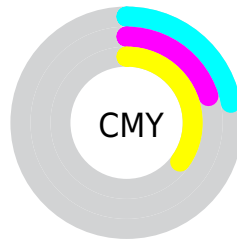
- Red (78%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0030, 58.4216, 44.6120 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 52.0030, 58.4216, 44.6120 by changing the saturation by 10% instead.


 52.0030, 58.4216,
44.6120


 52.0030, 58.4216,
44.6120


384.7720,
418.7551, 381.3141

 37.2317, 42.1477,
30.8112


 92.3099, 102.5366,
83.4501

 25.5615, 29.2169,
20.1979


 118.5762,
131.1464, 109.3246

 16.6268, 19.2450,
12.3535


149.4049,
164.6370, 140.0606

 10.0624, 11.8474,
6.8594

185.1614,
203.3927, 176.0768

 5.5030, 6.6399,
3.2972

226.2110,
247.7980, 217.7917

 2.5830, 3.2379,
1.2483

272.9190,

 0.9373, 1.2572,

298.2372, 265.6239

0.0189

325.6509,
355.0948, 319.9918

■ 0.0000, 0.1077,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0030, 58.4216,
44.6120

■ 52.0030, 58.4216,
44.6120

■ 49.3123, 57.2365,
35.4398

■ 55.0202, 59.7439,
55.3666

■ 46.9291, 56.1752,
27.7717

■ 58.3726, 61.2011,
67.7696

■ 44.8396, 55.2340,
21.5282

■ 62.0745, 62.8008,
81.8878

■ 43.0267, 54.4062,
16.6211

■ 66.1377, 64.5479,
97.7831

■ 41.4716, 53.6841,
12.9524

■ 68.3222, 65.5462,
103.6585

■ 40.1532, 53.0593,
10.4105

■ 69.4249, 66.1147,
103.7101

■ 39.0461, 52.5217,
8.8642

■ 70.5521, 66.6958,
103.7628

■ 38.1091, 52.0547,
8.0964

■ 71.7040, 67.2896,
103.8167

■ 38.0216, 52.0108,
8.0351

■ 72.8808, 67.8963,
103.8718

Harmonies

Analogous

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



56.1265, 58.4216, 42.8158



52.0030, 58.4216, 44.6120



48.9689, 58.4216, 51.2383

Triad

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



52.0030, 58.4216, 44.6120



51.0205, 58.4216, 85.2653



64.1796, 58.4216, 65.3344

Complementary

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



52.0030, 58.4216, 44.6120



41.8914, 40.5660, 63.3829

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.



62.6481, 58.4216, 77.8310



52.0030, 58.4216, 44.6120



54.9338, 58.4216, 90.2396

Square

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



52.0030, 58.4216, 44.6120



48.4225, 58.4216, 74.4957



59.2088, 58.4216, 87.3585



63.2966, 58.4216, 53.8421

Rectangle

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



52.0030, 58.4216, 44.6120



47.8980, 58.4216, 58.0058



59.2088, 58.4216, 87.3585



63.9280, 58.4216, 69.5666

Sweetspot

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



52.0045, 58.4242, 44.6133



91.6800, 98.5361, 96.3919



46.9096, 45.4297, 42.3736



19.5475, 21.0578, 20.3535



0.0000, 0.0000, 0.0000



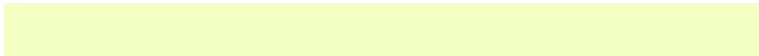
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0045, 58.4242, 44.6133



83.2344, 94.8384, 66.3524



47.3067, 56.0023, 44.3934



11.9486, 12.9909, 11.9572



23.7417, 32.4146, 5.0053



1.2778, 1.6995, 0.2607

Inverse Universe

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



41.8914, 40.5660, 63.3829



63.5682, 60.1064, 102.8590



46.3958, 42.8880, 63.5937



10.7865, 10.9393, 14.1133



7.3886, 3.0165, 36.1491



0.4399, 0.1859, 1.8676

Previews

White Background



This preview shows how the XYZ color 52.0030, 58.4216, 44.6120 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 52.0030, 58.4216, 44.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

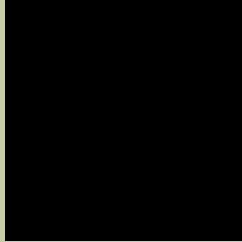
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

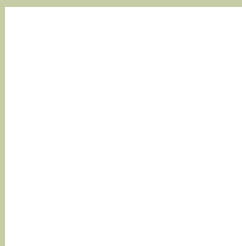
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0030, 58.4216, 44.6120

Background



This preview shows how black text looks on a background with the XYZ color 52.0030, 58.4216, 44.6120.



This preview shows how white text looks on a background with the XYZ color 52.0030, 58.4216,

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

52.0030, 58.4216, 44.6120

Protanopia

54.7957, 58.1350, 43.4551

Deuteranopia

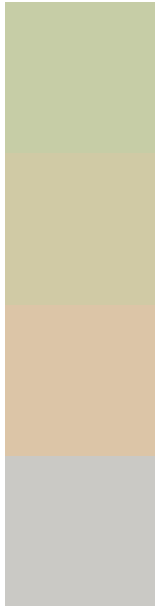
59.4166, 58.1229, 45.1330



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

52.0030, 58.4216, 44.6120

Protanomaly

53.9245, 58.3676, 44.0213

Deuteranomaly

56.4565, 57.9382, 44.7668

Tritanomaly

55.3218, 58.3611, 61.1724

Monochromacy



Original Color

52.0030, 58.4216, 44.6120

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0383, 57.3242, 54.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0030, 58.4216, 44.6120 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, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 166)  
}
```

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, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 166) }
```

Border

The CSS property to change the border of an element to XYZ 52.0030, 58.4216, 44.6120 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, 205, 166) }
```


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

```
.border{ border-color:rgb(198, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0030, 58.4216, 44.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 166) }
```

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

```
.background{ background-color: rgb(198,  
205, 166) }
```

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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