

Converting Colors

XYZ(52.6416, 57.4941, 49.0290)

Have a look what the booklet for
XYZ(52.6416, 57.4941, 49.0290)
contains.

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Color

**XYZ(52.6778, 57.6156,
48.9019)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CAAF
RGB	200, 202, 175
RGB Percent	78%, 79%, 69%
CMY	0.2157, 0.2078, 0.3137
CMYK	0.01, 0.00, 0.13, 0.21
HSL	64°, 20%, 74%
HSV	64°, 13%, 79%
XYZ	52.6778, 57.6156, 48.9019
YIQ	198.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

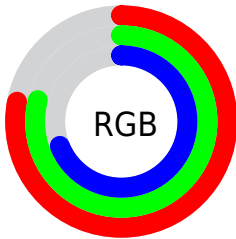
Format	Color
RYB	175, 202, 177
Decimal	13159087
CIELab	80.52, -5.35, 13.26
CIELCh	81, 14.297, 111.960
Yxy	57.6156, 0.3309, 0.3619
Android (android.graphics.Color)	4291349167 (0xFFC8CAAF)
YUV	198.3240, -11.4987, 1.4699
Hunter-Lab	75.9049, -8.9552, 14.9358

Details

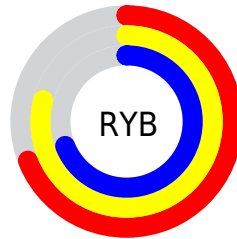
The XYZ color **52.6778, 57.6156, 48.9019** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1244, 44.2729, 62.1002**, and the grayscale version is **53.9395, 56.7486, 61.7992**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **26.0191, 28.7209, 22.9112** is the 20% darker color. If you saturate the color by 10%, you get **50.4425, 56.6773, 39.2040**, and if you desaturate by 10%, it is **55.2170, 58.6797, 60.1657**.

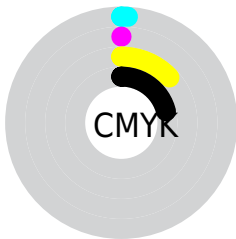
Distribution



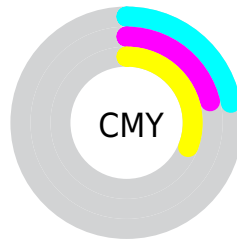
- Red (78%)
- Green (79%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6778, 57.6156, 48.9019 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 52.6778, 57.6156, 48.9019 by changing the saturation by 10% instead.

■ 52.6778, 57.6156,
48.9019

■ 52.6778, 57.6156,
48.9019

387.3289,
415.7520, 398.9674

■ 37.7721, 41.4997,
34.1766

■ 93.2984, 101.3629,
89.9252

■ 25.9822, 28.7097,
22.7509

119.7440,
129.7630, 117.0603

■ 16.9430, 18.8614,
14.2061

150.7669,
163.0267, 149.1691

■ 10.2889, 11.5701,
8.1238

186.7325,
201.5383, 186.6702

■ 5.6546, 6.4517,
4.0853

228.0062,
245.6823, 229.9819

■ 2.6749, 3.1216,
1.6723

274.9532,

■ 0.9843, 1.1956,

295.8430, 279.5231

0.3416

327.9390,
352.4048, 335.7120

■ 0.0000, 0.0581,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6778, 57.6156,
48.9019

■ 52.6778, 57.6156,
48.9019

■ 50.4425, 56.6773,
39.2040

■ 55.2170, 58.6797,
60.1657

■ 48.4932, 55.8521,
30.9991

■ 58.0678, 59.8669,
73.0565

■ 46.8175, 55.1366,
24.2141

■ 61.2433, 61.1846,
87.6368

■ 45.3999, 54.5249,
18.7682

■ 64.6249, 62.5851,
103.2818

■ 44.2237, 54.0102,
14.5726

■ 65.0432, 62.8007,
103.3013

■ 43.2697, 53.5848,
11.5276

■ 65.4655, 63.0184,
103.3211

■ 42.5163, 53.2401,
9.5187

■ 65.8918, 63.2382,
103.3411

■ 41.9372, 52.9656,
8.4074

■ 66.3221, 63.4600,
103.3612

■ 41.6178, 52.8096,
7.9998

■ 66.7564, 63.6839,
103.3815

Harmonies

Analogous

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



55.5553, 57.6156, 48.0479



52.6778, 57.6156, 48.9019



50.4350, 57.6156, 53.2890

Triad

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



52.6778, 57.6156, 48.9019



51.3563, 57.6156, 76.3479



60.5441, 57.6156, 65.0221

Complementary

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



52.6778, 57.6156, 48.9019



44.1244, 44.2729, 62.1002

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.



59.3294, 57.6156, 73.2330



52.6778, 57.6156, 48.9019



53.9761, 57.6156, 80.1427

Square

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



52.6778, 57.6156, 48.9019



49.6913, 57.6156, 68.9760



56.9003, 57.6156, 78.9546



60.1662, 57.6156, 56.8797

Rectangle

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



52.6778, 57.6156, 48.9019



49.5676, 57.6156, 57.8588



56.9003, 57.6156, 78.9546



60.3070, 57.6156, 67.8748

Sweetspot

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



52.6793, 57.6181, 48.9031



93.1729, 99.2170, 100.4663



47.7795, 47.0185, 47.1155



19.8694, 21.2059, 21.1753



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.



52.6793, 57.6181, 48.9031



88.0577, 97.0754, 77.8486



49.2807, 55.8661, 48.7441



12.0685, 13.0527, 11.9628



26.8121, 33.9975, 5.1490



1.4083, 1.7668, 0.2668

Inverse Universe

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



44.1244, 44.2729, 62.1002



70.8305, 70.2012, 104.4248



47.3027, 45.9113, 62.2490



10.6776, 10.8831, 14.1083



7.0159, 2.8244, 36.1317



0.3894, 0.1599, 1.8653

Previews

White Background



This preview shows how the XYZ color 52.6778, 57.6156, 48.9019 looks on a white background.

Color Contrast Check

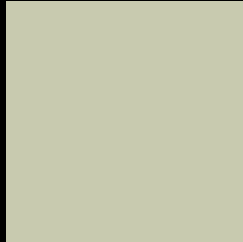
Large Text (above 18pt) WCAG AA × Fail

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 52.6778, 57.6156, 48.9019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

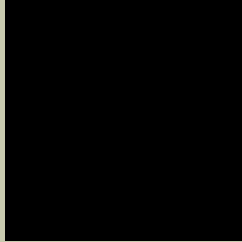
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

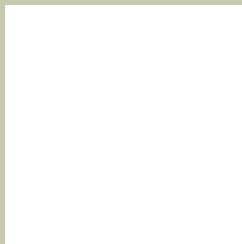
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6778, 57.6156, 48.9019

Background



This preview shows how black text looks on a background with the XYZ color 52.6778, 57.6156, 48.9019.



This preview shows how white text looks on a background with the XYZ color 52.6778, 57.6156,

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

52.6778, 57.6156, 48.9019

Protanopia

54.3579, 57.4581, 48.2700

Deuteranopia

58.4640, 57.2045, 49.5552



Tritanopia

57.0268, 57.6651, 70.4122

Trichromacy



Original Color

52.6778, 57.6156, 48.9019

Protanomaly

53.7479, 57.4864, 48.3076

Deuteranomaly

56.1917, 57.3662, 49.1855

Tritanomaly

55.3608, 57.6669, 62.2458

Monochromacy



Original Color

52.6778, 57.6156, 48.9019

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2709, 56.7067, 56.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6778, 57.6156, 48.9019 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(200, 202, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 175)  
}
```

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(200, 202, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 175) }
```

Border

The CSS property to change the border of an element to XYZ 52.6778, 57.6156, 48.9019 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(200, 202, 175) }
```


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

```
.border{ border-color:rgb(200, 202, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6778, 57.6156, 48.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 175) }
```

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

```
.background{ background-color: rgb(200,  
202, 175) }
```

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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