

Converting Colors

XYZ(51.5004, 57.4837, 39.0676)

Have a look what the booklet for
XYZ(51.5004, 57.4837, 39.0676)
contains.

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Color

**XYZ(51.5458, 57.6015,
38.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	CACB9A
RGB	202, 203, 154
RGB Percent	79%, 80%, 60%
CMY	0.2078, 0.2039, 0.3961
CMYK	0.00, 0.00, 0.24, 0.20
HSL	61°, 32%, 70%
HSV	61°, 24%, 80%
XYZ	51.5458, 57.6015, 38.9733
YIQ	197.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

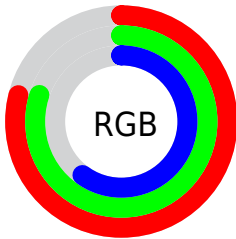
Format	Color
RYB	154, 203, 155
Decimal	13290394
CIELab	80.52, -8.28, 24.40
CIELCh	81, 25.770, 108.732
Yxy	57.6015, 0.3480, 0.3889
Android (android.graphics.Color)	4291480474 (0xFFCACB9A)
YUV	197.1150, -21.2557, 4.2841
Hunter-Lab	75.8957, -11.5861, 22.6809

Details

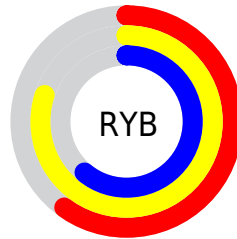
The XYZ color **51.5458, 57.6015, 38.9733** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8548, 34.3931, 61.2519**, and the grayscale version is **53.2596, 56.0332, 61.0202**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **25.2282, 28.6772, 17.0375** is the 20% darker color. If you saturate the color by 10%, you get **49.8842, 56.9258, 30.8038**, and if you desaturate by 10%, it is **53.4967, 58.3969, 48.6513**.

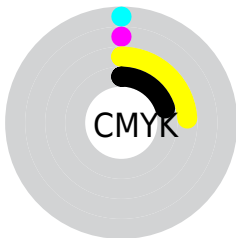
Distribution



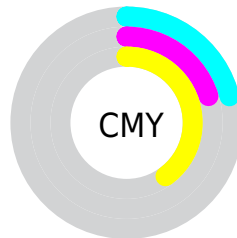
- Red (79%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5458, 57.6015, 38.9733 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 51.5458, 57.6015, 38.9733 by changing the saturation by 10% instead.


 51.5458, 57.6015,
38.9733

 51.5458, 57.6015,
38.9733


383.0334,
415.6994, 357.1995

 36.8660, 41.4884,
26.4313


 91.6392, 101.3423,
74.8174

 25.2769, 28.7009,
16.9179


 117.7836,
129.7388, 98.9566

 16.4133, 18.8547,
10.0146


148.4801,
162.9985, 127.7986

 9.9098, 11.5653,
5.3029

184.0942,
201.5059, 161.7619

 5.4010, 6.4484,
2.3642

224.9913,
245.6452, 201.2652

 2.5216, 3.1196,
0.7669

271.5366,

 0.9061, 1.1945,

295.8010, 246.7268

0.0000

324.0955,
352.3576, 298.5654

■ 0.0000, 0.0572,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5458, 57.6015,
38.9733

■ 51.5458, 57.6015,
38.9733

■ 49.8842, 56.9258,
30.8038

■ 53.4967, 58.3969,
48.6513

■ 48.4930, 56.3564,
24.0634

■ 55.7457, 59.3095,
59.9044

■ 47.3581, 55.8895,
18.6710

■ 58.3070, 60.3471,
72.8000

■ 46.4623, 55.5183,
14.5359

■ 61.1922, 61.5144,
87.4001

■ 45.7862, 55.2350,
11.5563

■ 64.3313, 62.7832,
103.3355

■ 45.3076, 55.0307,
9.6147

■ 64.4456, 62.8421,
103.3408

■ 44.9992, 54.8946,
8.5686

■ 64.5602, 62.9012,
103.3462

■ 44.8688, 54.8350,
8.2194

■ 64.6751, 62.9604,
103.3516

■ 64.7903, 63.0198,
103.3570

Harmonies

Analogous

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



56.7606, 57.6015, 38.2628



51.5458, 57.6015, 38.9733



47.4520, 57.6015, 45.3960

Triad

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



51.5458, 57.6015, 38.9733



48.3084, 57.6015, 87.2668



65.3447, 57.6015, 68.5856

Complementary

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



51.5458, 57.6015, 38.9733



35.8548, 34.3931, 61.2519

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.



62.7571, 57.6015, 83.9665



51.5458, 57.6015, 38.9733



52.7845, 57.6015, 95.8534

Square

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



51.5458, 57.6015, 38.9733



45.6677, 57.6015, 72.5485



58.0812, 57.6015, 94.5568



64.9598, 57.6015, 53.8187

Rectangle

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



51.5458, 57.6015, 38.9733



45.8043, 57.6015, 52.7318



58.0812, 57.6015, 94.5568



64.7873, 57.6015, 73.8920

Sweetspot

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



51.5473, 57.6041, 38.9745



92.1735, 98.8339, 94.4545



42.1541, 38.4127, 35.7653



19.6785, 21.1340, 19.9644



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.



51.5473, 57.6041, 38.9745



84.7901, 95.8318, 57.7714



45.4783, 54.4754, 38.6905



12.1302, 13.0845, 11.9657



28.5627, 34.8999, 5.2309



1.4809, 1.8043, 0.2702

Inverse Universe

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



35.8548, 34.3931, 61.2519



54.0094, 50.3022, 101.4704



41.0005, 37.0458, 61.4927



10.6227, 10.8548, 14.1057



6.9026, 2.7659, 36.1263



0.3637, 0.1466, 1.8641

Previews

White Background



This preview shows how the XYZ color 51.5458, 57.6015, 38.9733 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 51.5458, 57.6015, 38.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

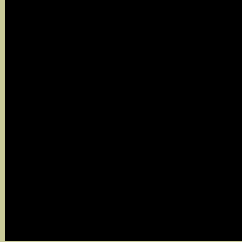
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5458, 57.6015, 38.9733

Background



This preview shows how black text looks on a background with the XYZ color 51.5458, 57.6015, 38.9733.



This preview shows how white text looks on a background with the XYZ color 51.5458, 57.6015,

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

51.5458, 57.6015, 38.9733

Protanopia

53.5315, 57.2600, 37.9366

Deuteranopia

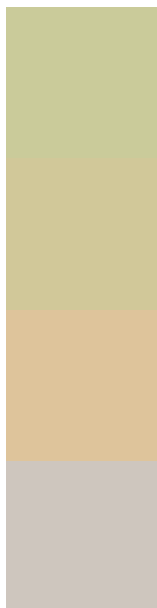
58.7821, 57.5920, 39.4707



Tritanopia

57.5675, 57.2887, 69.6517

Trichromacy



Original Color

51.5458, 57.6015, 38.9733

Protanomaly

52.6985, 57.1638, 38.3932

Deuteranomaly

55.7805, 57.3760, 39.1451

Tritanomaly

54.9419, 57.2277, 56.8655

Monochromacy



Original Color

51.5458, 57.6015, 38.9733

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3171, 56.3252, 51.8305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5458, 57.6015, 38.9733 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(202, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 154)  
}
```

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(202, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 154) }
```

Border

The CSS property to change the border of an element to XYZ 51.5458, 57.6015, 38.9733 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(202, 203, 154) }
```


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

```
.border{ border-color:rgb(202, 203, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5458, 57.6015, 38.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 154) }
```

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

```
.background{ background-color: rgb(202,  
203, 154) }
```

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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