

Converting Colors

XYZ(53.2764, 58.0800, 46.0964)

Have a look what the booklet for
XYZ(53.2764, 58.0800, 46.0964)
contains.

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Color

**XYZ(53.1838, 57.9430,
45.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAA9
RGB	204, 202, 169
RGB Percent	80%, 79%, 66%
CMY	0.2000, 0.2078, 0.3372
CMYK	0.00, 0.01, 0.17, 0.20
HSL	57°, 26%, 73%
HSV	57°, 17%, 80%
XYZ	53.1838, 57.9430, 45.9171
YIQ	198.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

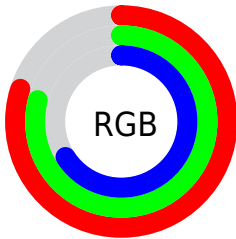
Format	Color
RYB	171, 204, 169
Decimal	13421225
CIELab	80.71, -4.82, 16.76
CIELCh	81, 17.436, 106.055
Yxy	57.9430, 0.3387, 0.3690
Android (android.graphics.Color)	4291611305 (0xFFCCCAA9)
YUV	198.8360, -14.7091, 4.5288
Hunter-Lab	76.1203, -8.4960, 17.5194

Details

The XYZ color **53.1838, 57.9430, 45.9171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8240, 41.9196, 63.0141**, and the grayscale version is **54.2692, 57.0954, 62.1769**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **26.3785, 28.9482, 21.0269** is the 20% darker color. If you saturate the color by 10%, you get **51.1449, 56.6943, 36.5147**, and if you desaturate by 10%, it is **55.5267, 59.3205, 56.8964**.

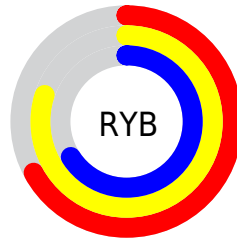
Distribution



Red (80%)

Green (79%)

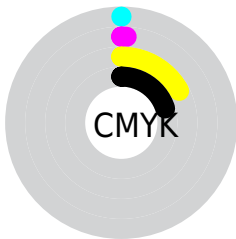
Blue (66%)



Red (67%)

Yellow (80%)

Blue (66%)

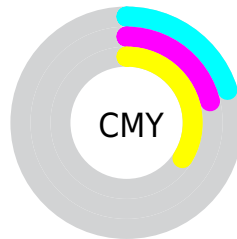


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1838, 57.9430, 45.9171 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 53.1838, 57.9430, 45.9171 by changing the saturation by 10% instead.

■ 53.1838, 57.9430,
45.9171

■ 53.1838, 57.9430,
45.9171

389.2392,
416.9735, 386.7432

■ 38.1776, 41.7628,
31.8322

■ 94.0387, 101.8399,
85.4279

■ 26.2984, 28.9156,
20.9696

120.6181,
130.3253, 111.6909

■ 17.1808, 19.0170,
12.9108

151.7860,
163.6813, 142.8503

■ 10.4596, 11.6826,
7.2371

187.9076,
202.2923, 179.3247

■ 5.7693, 6.5279,
3.5301

229.3484,
246.5426, 221.5327

■ 2.7447, 3.1687,
1.3713

276.4737,

■ 1.0202, 1.2204,

296.8166, 269.8927

0.1192

329.6488,
353.4988, 324.8234

■ 0.0000, 0.0783,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1838, 57.9430,
45.9171

■ 53.1838, 57.9430,
45.9171

■ 51.1449, 56.6943,
36.5147

■ 55.5267, 59.3205,
56.8964

■ 49.3916, 55.5612,
28.6128

■ 58.1819, 60.8242,
69.5170

■ 47.9104, 54.5403,
22.1342

■ 61.1631, 62.4616,
83.8442

■ 46.6852, 53.6250,
16.9931

■ 64.4819, 64.2374,
99.9385

■ 45.6979, 52.8081,
13.0948

■ 65.4642, 65.0819,
103.7195

■ 44.9281, 52.0815,
10.3321

■ 65.7486, 65.6505,
103.8142

■ 44.3521, 51.4356,
8.5796

■ 66.0350, 66.2233,
103.9097

■ 43.9375, 50.8576,
7.6673

■ 66.3234, 66.8003,
104.0059

■ 43.8328, 50.6991,
7.4757

■ 66.6140, 67.3815,
104.1027

Harmonies

Analogous

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



56.7554, 57.9430, 45.7646



53.1838, 57.9430, 45.9171



50.2455, 57.9430, 50.3275

Triad

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



53.1838, 57.9430, 45.9171



50.4150, 57.9430, 78.4406



62.0563, 57.9430, 67.9810

Complementary

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



53.1838, 57.9430, 45.9171



41.8240, 41.9196, 63.0141

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.



60.2004, 57.9430, 77.8461



53.1838, 57.9430, 45.9171



53.4244, 57.9430, 84.3146

Square

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



53.1838, 57.9430, 45.9171



48.6951, 57.9430, 68.7238



57.0066, 57.9430, 84.0859



61.9850, 57.9430, 57.7730

Rectangle

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



53.1838, 57.9430, 45.9171



48.9953, 57.9430, 55.3933



57.0066, 57.9430, 84.0859



61.6338, 57.9430, 71.4687

Sweetspot

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



53.1853, 57.9456, 45.9183



92.8331, 98.7429, 98.3679



46.4729, 44.1670, 44.7713



19.8057, 21.0982, 20.7501



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.



53.1853, 57.9456, 45.9183



86.6293, 95.0856, 69.3238



49.6998, 56.8483, 45.8903



12.0969, 12.9828, 11.9478



27.6123, 31.9576, 4.7131



1.4415, 1.6828, 0.2488

Inverse Universe

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



41.8240, 41.9196, 63.0141



63.9712, 63.1253, 103.4205



44.8948, 42.9473, 63.0506



10.6522, 10.9449, 14.1215



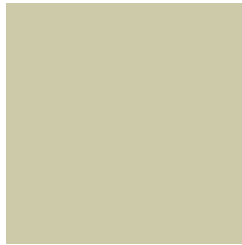
6.9626, 2.9492, 36.1585



0.3776, 0.1889, 1.8715

Previews

White Background



This preview shows how the XYZ color 53.1838, 57.9430, 45.9171 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 53.1838, 57.9430, 45.9171 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

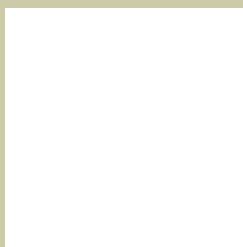
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1838, 57.9430, 45.9171

Background



This preview shows how black text looks on a background with the XYZ color 53.1838, 57.9430, 45.9171.



This preview shows how white text looks on a background with the XYZ color 53.1838, 57.9430,

45.9171.

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

53.1838, 57.9430, 45.9171

Protanopia

54.5861, 57.9846, 45.3609

Deuteranopia

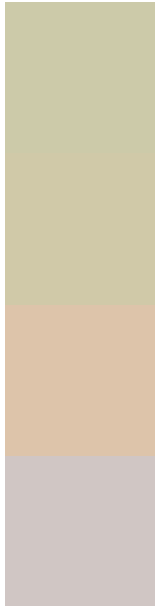
59.0538, 57.9032, 46.5920



Tritanopia

58.0761, 57.8846, 69.7399

Trichromacy



Original Color

53.1838, 57.9430, 45.9171

Protanomaly

53.9670, 58.0103, 45.3985

Deuteranomaly

56.8144, 57.7543, 46.1835

Tritanomaly

56.1703, 57.7836, 60.4174

Monochromacy



Original Color

53.1838, 57.9430, 45.9171

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8188, 57.3569, 55.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1838, 57.9430, 45.9171 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(204, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 169)  
}
```

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(204, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 169) }
```

Border

The CSS property to change the border of an element to XYZ 53.1838, 57.9430, 45.9171 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(204, 202, 169) }
```


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

```
.border{ border-color:rgb(204, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1838, 57.9430, 45.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 169) }
```

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

```
.background{ background-color: rgb(204,  
202, 169) }
```

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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