

Converting Colors

XYZ(53.1110, 57.3458, 45.2599)

Have a look what the booklet for
XYZ(53.1110, 57.3458, 45.2599)
contains.

XYZ(53.1758, 57.2575, 45.2949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.1758, 57.2575,
45.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8A8
RGB	206, 200, 168
RGB Percent	81%, 78%, 66%
CMY	0.1922, 0.2157, 0.3412
CMYK	0.00, 0.03, 0.18, 0.19
HSL	51°, 28%, 73%
HSV	51°, 18%, 81%
XYZ	53.1758, 57.2575, 45.2949
YIQ	198.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

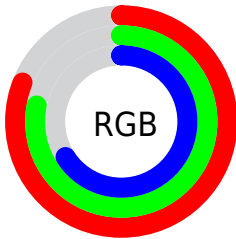
Format	Color
R_{YB}	175, 206, 168
Decimal	13551784
CIE Lab	80.32, -3.19, 16.78
CIE LCh	80, 17.077, 100.774
Yxy	57.2575, 0.3415, 0.3677
Android (android.graphics.Color)	4291741864 (0xFFCEC8A8)
YUV	198.1460, -14.8620, 6.8880
Hunter-Lab	75.6687, -6.9802, 17.4774

Details

The XYZ color **53.1758, 57.2575, 45.2949** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.4250, 43.0524, 64.4670**, and the grayscale version is **53.8482, 56.6525, 61.6946**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **26.1938, 28.3980, 20.6238** is the 20% darker color. If you saturate the color by 10%, you get **50.6624, 55.0623, 35.7271**, and if you desaturate by 10%, it is **56.0123, 59.6114, 56.4717**.

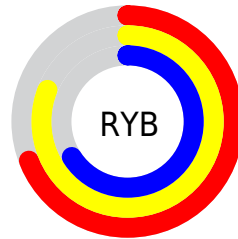
Distribution



Red (81%)

Green (78%)

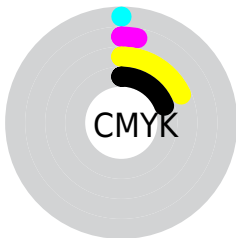
Blue (66%)



Red (69%)

Yellow (81%)

Blue (66%)

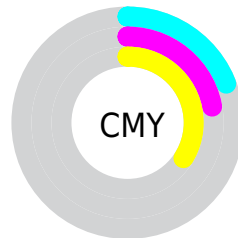


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (19%)



Cyan (19%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1758, 57.2575, 45.2949 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 53.1758, 57.2575, 45.2949 by changing the saturation by 10% instead.

■ 53.1758, 57.2575,
45.2949

■ 53.1758, 57.2575,
45.2949

389.2091,
414.4135, 384.1615

■ 38.1712, 41.2120,
31.3451

■ 94.0270, 100.8408,
84.4859

■ 26.2934, 28.4848,
20.6011

■ 120.6043,
129.1474, 110.5642

■ 17.1771, 18.6914,
12.6444

151.7699,
162.3099, 141.5224

■ 10.4569, 11.4475,
7.0563

187.8890,
200.7126, 177.7792

■ 5.7675, 6.3687,
3.4183

229.3272,
244.7399, 219.7529

■ 2.7435, 3.0705,
1.3120

276.4497,

■ 1.0196, 1.1687,

294.7762, 267.8621

0.0716

329.6218,
351.2059, 322.5255

■ 0.0000, 0.0359,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1758, 57.2575,
45.2949

■ 53.1758, 57.2575,
45.2949

■ 50.6624, 55.0623,
35.7271

■ 56.0123, 59.6114,
56.4717

■ 48.4533, 53.0123,
27.6895

■ 59.1808, 62.1220,
69.3242

■ 46.5343, 51.1037,
21.1020

■ 62.6954, 64.7969,
83.9198

■ 44.8886, 49.3295,
15.8758

■ 66.5682, 67.6412,
100.3208

■ 43.4972, 47.6820,
11.9122

■ 68.1256, 69.5856,
104.4485

■ 42.3389, 46.1526,
9.0994

■ 68.9680, 71.2702,
104.7293

■ 41.3886, 44.7310,
7.3059

■ 69.8269, 72.9881,
105.0156

■ 40.6077, 43.4017,
6.3290

■ 70.7025, 74.7393,
105.3074

■ 40.4928, 43.1999,
6.2042

■ 71.5948, 76.5239,
105.6049

Harmonies

Analogous

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



56.6629, 57.2575, 45.8903



53.1758, 57.2575, 45.2949



50.1527, 57.2575, 48.8842

Triad

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



53.1758, 57.2575, 45.2949



49.4929, 57.2575, 75.7661



61.0117, 57.2575, 68.8934

Complementary

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



53.1758, 57.2575, 45.2949



42.4250, 43.0524, 64.4670

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.



58.9260, 57.2575, 78.0714



53.1758, 57.2575, 45.2949



52.2401, 57.2575, 82.3234

Square

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



53.1758, 57.2575, 45.2949



48.0876, 57.2575, 66.0085



55.6866, 57.2575, 83.2094



61.2886, 57.2575, 58.8171

Rectangle

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



53.1758, 57.2575, 45.2949



48.7689, 57.2575, 53.4172



55.6866, 57.2575, 83.2094



60.4949, 57.2575, 72.2131

Sweetspot

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



53.1773, 57.2600, 45.2961



91.9183, 97.5228, 96.1838



47.1294, 44.1969, 46.2626



19.6039, 20.8174, 20.3042



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.



53.1773, 57.2600, 45.2961



84.5380, 91.3806, 67.1546



51.2172, 58.3517, 45.6101



11.9972, 12.7834, 11.9146



24.9928, 26.7185, 3.8399



1.3309, 1.4615, 0.2119

Inverse Universe

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



42.4250, 43.0524, 64.4670



64.0721, 64.3393, 103.6495



44.1219, 42.2458, 64.2218



10.7423, 11.1251, 14.1515



7.2328, 3.4896, 36.2486



0.4194, 0.2726, 1.8854

Previews

White Background



This preview shows how the XYZ color 53.1758, 57.2575, 45.2949 looks on a white background.

Color Contrast Check

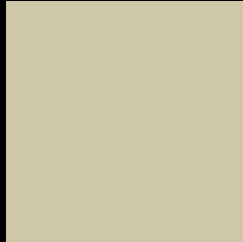
Large Text (above 18pt) WCAG AA × Fail

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 53.1758, 57.2575, 45.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

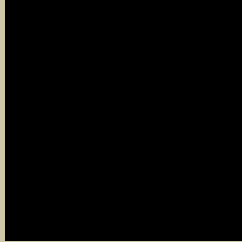
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

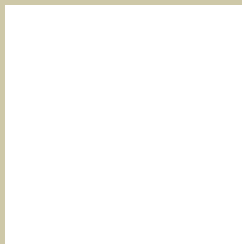
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1758, 57.2575, 45.2949

Background



This preview shows how black text looks on a background with the XYZ color 53.1758, 57.2575, 45.2949.



This preview shows how white text looks on a background with the XYZ color 53.1758, 57.2575,

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

53.1758, 57.2575, 45.2949

Protanopia

53.9768, 57.3385, 44.7818

Deuteranopia

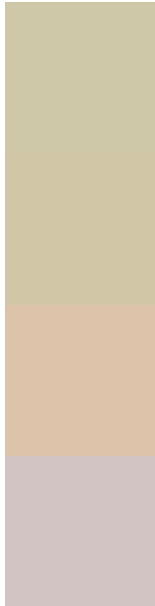
58.4184, 57.2596, 46.0034



Tritanopia

57.9518, 57.1841, 68.3048

Trichromacy



Original Color

53.1758, 57.2575, 45.2949

Protanomaly

53.6930, 57.1922, 44.7685

Deuteranomaly

56.4953, 57.2669, 45.6121

Tritanomaly

56.0559, 57.0765, 59.1013

Monochromacy



Original Color

53.1758, 57.2575, 45.2949

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4805, 56.8522, 55.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1758, 57.2575, 45.2949 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(206, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 168)  
}
```

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(206, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 168) }
```

Border

The CSS property to change the border of an element to XYZ 53.1758, 57.2575, 45.2949 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(206, 200, 168) }
```


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

```
.border{ border-color:rgb(206, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1758, 57.2575, 45.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 168) }
```

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

```
.background{ background-color: rgb(206,  
200, 168) }
```

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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