

Converting Colors

XYZ(53.6895, 56.8024, 50.2659)

Have a look what the booklet for
XYZ(53.6895, 56.8024, 50.2659)
contains.

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Color

**XYZ(53.6836, 56.7243,
50.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6B2
RGB	206, 198, 178
RGB Percent	81%, 78%, 70%
CMY	0.1922, 0.2235, 0.3020
CMYK	0.00, 0.04, 0.14, 0.19
HSL	43°, 22%, 75%
HSV	43°, 14%, 81%
XYZ	53.6836, 56.7243, 50.2389
YIQ	198.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

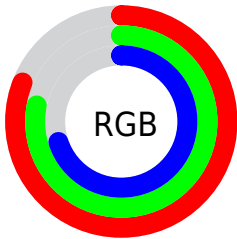
Format	Color
R _Y B	189, 206, 178
Decimal	13551282
CIE Lab	80.02, -0.59, 11.01
CIE LCh	80, 11.029, 93.079
Yxy	56.7243, 0.3342, 0.3531
Android (android.graphics.Color)	4291741362 (0xFFCEC6B2)
YUV	198.1120, -9.9152, 6.9178
Hunter-Lab	75.3155, -4.5705, 13.1717

Details

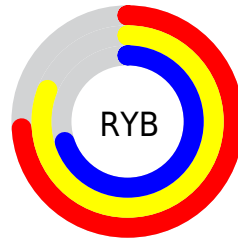
The XYZ color **53.6836, 56.7243, 50.2389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0595, 49.0382, 65.3782**, and the grayscale version is **53.7995, 56.6013, 61.6388**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **26.6238, 28.1026, 23.4232** is the 20% darker color. If you saturate the color by 10%, you get **50.4505, 53.3229, 39.7116**, and if you desaturate by 10%, it is **57.2827, 60.3595, 62.4220**.

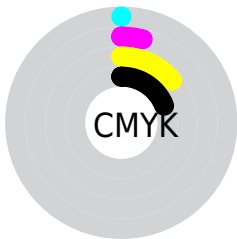
Distribution



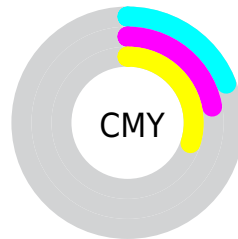
- Red (81%)
- Green (78%)
- Blue (70%)



- Red (74%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6836, 56.7243, 50.2389 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 53.6836, 56.7243, 50.2389 by changing the saturation by 10% instead.

■ 53.6836, 56.7243,
50.2389

■ 53.6836, 56.7243,
50.2389

391.1204,
412.4154, 404.3613

■ 38.5784, 40.7839,
35.2307

■ 94.7691, 100.0628,
91.9287

■ 26.6112, 28.1503,
23.5557

121.4802,
128.2297, 119.4474

■ 17.4165, 18.4390,
14.7952

152.7906,
161.2409, 151.9734

■ 10.6290, 11.2656,
8.5308

189.0658,
199.4808, 189.9252

■ 5.8834, 6.2458,
4.3438

230.6710,
243.3339, 233.7213

■ 2.8143, 2.9951,
1.8158

277.9715,

■ 1.0563, 1.1292,

293.1844, 283.7804

0.4383

331.3329,
349.4168, 340.5208

■ 0.0000, 0.0027,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6836, 56.7243,
50.2389

■ 53.6836, 56.7243,
50.2389

■ 50.4505, 53.3229,
39.7116

■ 57.2827, 60.3595,
62.4220

■ 47.5643, 50.1410,
30.7635

■ 61.2567, 64.2272,
76.3256

■ 45.0112, 47.1741,
23.3176

■ 65.6199, 68.3360,
92.0154

■ 42.7745, 44.4144,
17.2886

■ 69.5023, 72.3388,
104.9074

40.8358, 41.8536,
12.5831

71.0879, 75.5100,
105.4359

39.1745, 39.4826,
9.0958

72.7286, 78.7913,
105.9828

37.7670, 37.2908,
6.7057

74.4248, 82.1838,
106.5482

36.5850, 35.2659,
5.2663

76.1771, 85.6883,
107.1323

35.9143, 34.0428,
4.6780

77.9860, 89.3061,
107.7352

Harmonies

Analogous

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



55.8899, 56.7243, 51.3978



53.6836, 56.7243, 50.2389



51.5964, 56.7243, 51.9866

Triad

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



53.6836, 56.7243, 50.2389



50.3833, 56.7243, 68.7482



57.8498, 56.7243, 67.5223

Complementary

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



53.6836, 56.7243, 50.2389



47.0595, 49.0382, 65.3782

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.



56.3015, 56.7243, 72.6944



53.6836, 56.7243, 50.2389



51.9867, 56.7243, 73.4359

Square

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



53.6836, 56.7243, 50.2389



49.7244, 56.7243, 62.4284



54.1466, 56.7243, 74.9273



58.3342, 56.7243, 61.1026

Rectangle

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



53.6836, 56.7243, 50.2389



50.5419, 56.7243, 54.6407



54.1466, 56.7243, 74.9273



57.4344, 56.7243, 69.4790

Sweetspot

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



53.6851, 56.7268, 50.2401



92.5287, 97.5159, 100.1719



50.2802, 48.5256, 53.3947



19.7058, 20.7739, 21.1005



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.



53.6851, 56.7268, 50.2401



85.5581, 90.4352, 76.6987



54.0343, 59.6922, 50.7941



11.8726, 12.5342, 11.8730



22.2010, 21.1349, 2.9093



1.2080, 1.2158, 0.1710

Inverse Universe

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



47.0595, 49.0382, 65.3782



72.9960, 75.8583, 105.4026



46.7332, 46.4388, 64.8937



10.8583, 11.3571, 14.1902



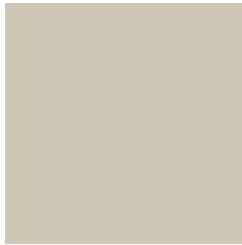
7.8900, 4.8039, 36.4677



0.4727, 0.3791, 1.9032

Previews

White Background



This preview shows how the XYZ color 53.6836, 56.7243, 50.2389 looks on a white background.

Color Contrast Check

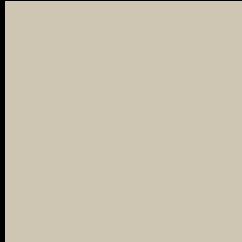
Large Text (above 18pt) WCAG AA × Fail

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 53.6836, 56.7243, 50.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

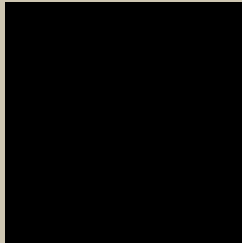
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

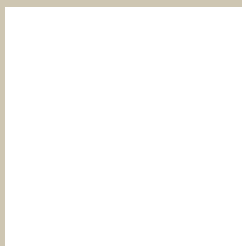
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6836, 56.7243, 50.2389

Background



This preview shows how black text looks on a background with the XYZ color 53.6836, 56.7243, 50.2389.



This preview shows how white text looks on a background with the XYZ color 53.6836, 56.7243,

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

53.6836, 56.7243, 50.2389

Protanopia

53.9621, 56.8679, 50.2520

Deuteranopia

57.8188, 56.5238, 50.5106



Tritanopia

57.3788, 56.8887, 68.2780

Trichromacy



Original Color

53.6836, 56.7243, 50.2389

Protanomaly

53.9621, 56.8679, 50.2520

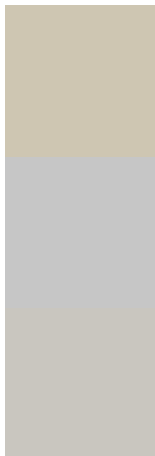
Deuteranomaly

56.3419, 56.7437, 50.6309

Tritanomaly

56.0026, 56.6627, 61.4114

Monochromacy



Original Color

53.6836, 56.7243, 50.2389

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6854, 56.5673, 57.3793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6836, 56.7243, 50.2389 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, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 178)  
}
```

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, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.6836, 56.7243, 50.2389 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, 198, 178) }
```


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

```
.border{ border-color:rgb(206, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 198, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 198, 178); box-shadow:4px 4px 4px 4px rgb(206, 198, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6836, 56.7243, 50.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 178) }
```

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

```
.background{ background-color: rgb(206,  
198, 178) }
```

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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