

Converting Colors

XYZ(53.8571, 55.7838, 39.8562)

Have a look what the booklet for
XYZ(53.8571, 55.7838, 39.8562)
contains.

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Color

**XYZ(53.6965, 55.6168,
39.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C29D
RGB	216, 194, 157
RGB Percent	85%, 76%, 62%
CMY	0.1529, 0.2392, 0.3843
CMYK	0.00, 0.10, 0.27, 0.15
HSL	38°, 43%, 73%
HSV	38°, 27%, 85%
XYZ	53.6965, 55.6168, 39.8033
YIQ	196.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

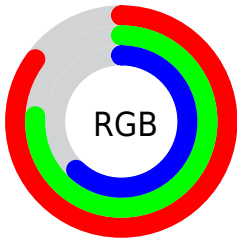
Format	Color
R _{YB}	192, 216, 157
Decimal	14205597
CIE Lab	79.40, 2.15, 21.47
CIE LCh	79, 21.578, 84.276
Yxy	55.6168, 0.3601, 0.3730
Android (android.graphics.Color)	4292395677 (0xFFD8C29D)
YUV	196.3600, -19.4045, 17.2243
Hunter-Lab	74.5767, -1.9861, 20.5592

Details

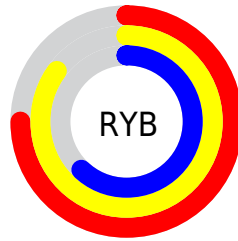
The XYZ color **53.6965, 55.6168, 39.8033** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.4191, 44.3650, 71.2936**, and the grayscale version is **52.7891, 55.5382, 60.4812**.

A 20% lighter version of the original color is **87.3093, 94.3847, 75.9037**, and **26.5719, 27.5433, 17.2805** is the 20% darker color. If you saturate the color by 10%, you get **50.2695, 51.4575, 30.3530**, and if you desaturate by 10%, it is **57.5496, 60.1058, 51.0053**.

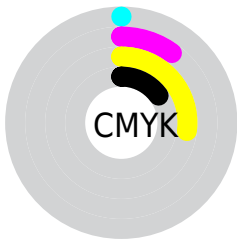
Distribution



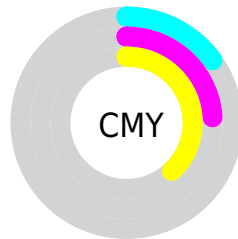
- Red (85%)
- Green (76%)
- Blue (62%)



- Red (75%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6965, 55.6168, 39.8033 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 53.6965, 55.6168, 39.8033 by changing the saturation by 10% instead.


 53.6965, 55.6168,
39.8033


 53.6965, 55.6168,
39.8033


391.1689,
408.2458, 360.8212

 38.5888, 39.8958,
27.0726


 94.7880, 98.4441,
76.0977

 26.6193, 27.4573,
17.3948


 121.5025,
126.3191, 100.4985

 17.4226, 17.9170,
10.3515


152.8166,
159.0143, 129.6264

 10.6334, 10.8904,
5.5240

189.0956,
196.9140, 163.8999

 5.8864, 5.9932,
2.4938

230.7050,
240.4026, 203.7376

 2.8161, 2.8409,
0.8369

278.0102,

 1.0573, 1.0493,

289.8645, 249.5580

0.0000

331.3763,
345.6841, 301.7797

0.0000, 0.0000,
0.0000

53.6965, 55.6168,
39.8033

53.6965, 55.6168,
39.8033

50.2695, 51.4575,
30.3530

57.5496, 60.1058,
51.0053

47.2455, 47.6105,
22.5601

61.8418, 64.9264,
64.0399

44.6058, 44.0676,
16.3264

66.5910, 70.0898,
78.9870

42.3278, 40.8173,
11.5420

71.8125, 75.6045,
95.9207

40.3865, 37.8470,
8.0825

75.8683, 80.8176,
106.2084

■ 38.7526, 35.1422,
5.8021

■ 78.2168, 85.5145,
106.9912

■ 37.3873, 32.6847,
4.5048

■ 80.6708, 90.4226,
107.8092

■ 37.0493, 32.0596,
4.2354

■ 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



57.8716, 55.6168, 43.1958



53.6965, 55.6168, 39.8033



49.5139, 55.6168, 41.3256

Triad

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



53.6965, 55.6168, 39.8033



45.6330, 55.6168, 70.8940



59.9102, 55.6168, 75.5666

Complementary

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



53.6965, 55.6168, 39.8033



42.4191, 44.3650, 71.2936

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.



56.3579, 55.6168, 84.9854



53.6965, 55.6168, 39.8033



48.1503, 55.6168, 82.0403

Square

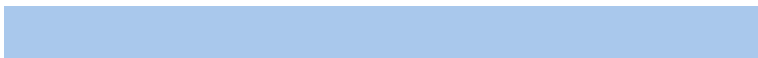
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6965, 55.6168, 39.8033



45.0064, 55.6168, 58.2110



52.0364, 55.6168, 87.5025



61.5826, 55.6168, 62.9657

Rectangle

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



53.6965, 55.6168, 39.8033



47.2626, 55.6168, 45.0453



52.0364, 55.6168, 87.5025



58.8873, 55.6168, 79.2750

Sweetspot

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



53.6979, 55.6193, 39.8045



89.5593, 93.9983, 91.7178



48.5756, 41.9932, 48.5215



18.9588, 19.8857, 18.9834



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.



53.6979, 55.6193, 39.8045



75.1323, 77.3064, 49.4149



56.9696, 65.1187, 41.4656



13.0657, 13.7056, 13.1175



22.0359, 19.1891, 2.5424



1.4073, 1.3137, 0.1794

Inverse Universe

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



42.4191, 44.3650, 71.2936



55.9845, 58.2062, 102.8920



39.7381, 36.9527, 70.0042



12.1181, 12.7596, 15.7617



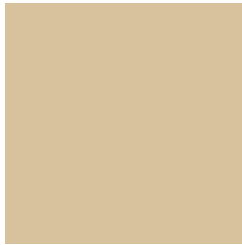
9.1526, 6.5669, 39.2383



0.6302, 0.5524, 2.3927

Previews

White Background



This preview shows how the XYZ color 53.6965, 55.6168, 39.8033 looks on a white background.

Color Contrast Check

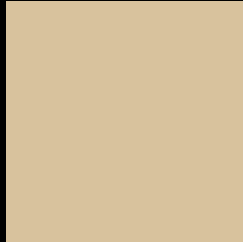
Large Text (above 18pt) WCAG AA × Fail

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 53.6965, 55.6168, 39.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

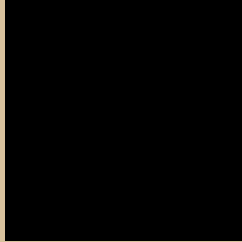
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6965, 55.6168, 39.8033

Background



This preview shows how black text looks on a background with the XYZ color 53.6965, 55.6168, 39.8033.



This preview shows how white text looks on a background with the XYZ color 53.6965, 55.6168,

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

53.6965, 55.6168, 39.8033

Protanopia

52.2060, 55.5038, 40.3095

Deuteranopia

56.6822, 55.5218, 40.0771



Tritanopia

58.4627, 55.6029, 63.5282

Trichromacy



Original Color

53.6965, 55.6168, 39.8033

Protanomaly

52.8380, 55.4959, 40.2747

Deuteranomaly

55.5428, 55.5775, 40.1479

Tritanomaly

56.4898, 55.4322, 54.1765

Monochromacy



Original Color

53.6965, 55.6168, 39.8033

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5872, 55.1041, 52.1205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6965, 55.6168, 39.8033 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(216, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 157)  
}
```

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(216, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 157) }
```

Border

The CSS property to change the border of an element to XYZ 53.6965, 55.6168, 39.8033 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(216, 194, 157) }
```


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

```
.border{ border-color:rgb(216, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 194, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 194, 157); box-shadow:4px 4px 4px 4px rgb(216, 194, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6965, 55.6168, 39.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 157) }
```

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

```
.background{ background-color: rgb(216,  
194, 157) }
```

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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