

Converting Colors

XYZ(55.8708, 57.7390, 40.0983)

Have a look what the booklet for
XYZ(55.8708, 57.7390, 40.0983)
contains.

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Color

**XYZ(55.8708, 57.7390,
40.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC59D
RGB	221, 197, 157
RGB Percent	87%, 77%, 62%
CMY	0.1333, 0.2274, 0.3843
CMYK	0.00, 0.11, 0.29, 0.13
HSL	38°, 48%, 74%
HSV	38°, 29%, 87%
XYZ	55.8708, 57.7390, 40.0983
YIQ	199.6160, 27.1440, -7.3520

Conversions

Conversions Part 2

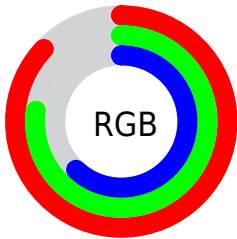
Format	Color
RYB	195, 221, 157
Decimal	14534045
CIELab	80.59, 2.49, 23.18
CIELCh	81, 23.317, 83.863
Yxy	57.7390, 0.3635, 0.3756
Android (android.graphics.Color)	4292724125 (0xFFDDC59D)
YUV	199.6160, -21.0097, 18.7538
Hunter-Lab	75.9862, -1.7291, 21.9027

Details

The XYZ color **55.8708, 57.7390, 40.0983** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4791, 45.4348, 74.8848**, and the grayscale version is **54.7782, 57.6309, 62.7600**.

A 20% lighter version of the original color is **88.5655, 96.8971, 76.3225**, and **27.8893, 28.6642, 17.4274** is the 20% darker color. If you saturate the color by 10%, you get **52.3225, 53.3935, 30.4337**, and if you desaturate by 10%, it is **59.8669, 62.4332, 51.5972**.

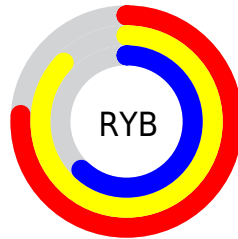
Distribution



Red (87%)

Green (77%)

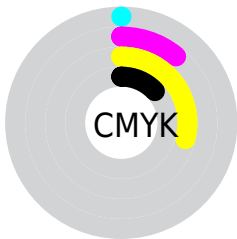
Blue (62%)



Red (76%)

Yellow (87%)

Blue (62%)

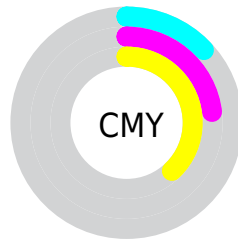


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (13%)



Cyan (13%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8708, 57.7390, 40.0983 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 55.8708, 57.7390, 40.0983 by changing the saturation by 10% instead.


 55.8708, 57.7390,
40.0983


 55.8708, 57.7390,
40.0983


399.2873,
416.2127, 362.1021

 40.3359, 41.5989,
27.3008


 97.9566, 101.5427,
76.5519

 27.9859, 28.7873,
17.5648


 125.2382,
129.9750, 101.0451

 18.4555, 18.9200,
10.4718


157.1661,
163.2735, 130.2740

 11.3791, 11.6125,
5.6032

194.1056,
201.8226, 164.6570

 6.3916, 6.4804,
2.5405

236.4221,
246.0067, 204.6129

 3.1276, 3.1393,
0.8615

284.4810,

 1.2216, 1.2049,

296.2101, 250.5599

0.0000

338.6477,
352.8173, 302.9169

■ 0.1233, 0.0657,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8708, 57.7390,
40.0983

■ 55.8708, 57.7390,
40.0983

■ 52.3225, 53.3935,
30.4337

■ 59.8669, 62.4332,
51.5972

■ 49.1973, 49.3781,
22.5022

■ 64.3249, 67.4781,
65.0171

■ 46.4751, 45.6840,
16.1986

■ 69.2637, 72.8859,
80.4433

■ 44.1316, 42.2987,
11.4041

■ 74.6998, 78.6657,
97.9549

■ 42.1395, 39.2086,
7.9839

■ 78.5700, 83.9945,
106.6792

■ 40.4670, 36.3979,
5.7789

■ 81.0440, 88.9426,
107.5039

■ 39.0648, 33.8440,
4.5397

■ 83.6288, 94.1122,
108.3655

■ 38.9277, 33.5901,
4.4318

Harmonies

Analogous

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



60.4981, 57.7390, 43.8625



55.8708, 57.7390, 40.0983



51.2330, 57.7390, 41.6791

Triad

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



55.8708, 57.7390, 40.0983



46.8716, 57.7390, 74.1672



62.6675, 57.7390, 79.7613

Complementary

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



55.8708, 57.7390, 40.0983



43.4791, 45.4348, 74.8848

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.



58.6944, 57.7390, 90.2409



55.8708, 57.7390, 40.0983



49.6194, 57.7390, 86.6962

Square

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



55.8708, 57.7390, 40.0983



46.2127, 57.7390, 60.0870



53.8994, 57.7390, 92.9473



64.5666, 57.7390, 65.7334

Rectangle

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



55.8708, 57.7390, 40.0983



48.7348, 57.7390, 45.6863



53.8994, 57.7390, 92.9473



61.5194, 57.7390, 83.8934

Sweetspot

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



55.8723, 57.7416, 40.0995



88.8888, 93.2415, 89.6936



50.2715, 42.8448, 49.6244



18.8238, 19.7320, 18.5799



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.



55.8723, 57.7416, 40.0995



74.0988, 76.0017, 46.7206



59.5380, 68.3733, 41.9584



13.7307, 14.4007, 13.7815



22.7258, 19.7372, 2.6119



1.5540, 1.4422, 0.1965

Inverse Universe

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



43.4791, 45.4348, 74.8848



54.1957, 56.2443, 102.6076



40.5150, 37.2774, 73.4665



12.7367, 13.4131, 16.5698



9.4725, 6.8145, 40.5545



0.6949, 0.6039, 2.6544

Previews

White Background



This preview shows how the XYZ color 55.8708, 57.7390, 40.0983 looks on a white background.

Color Contrast Check

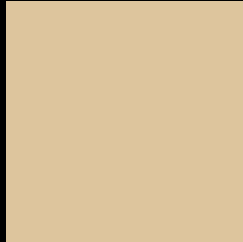
Large Text (above 18pt) WCAG AA × Fail

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 55.8708, 57.7390, 40.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

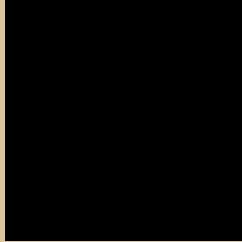
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8708, 57.7390, 40.0983

Background



This preview shows how black text looks on a background with the XYZ color 55.8708, 57.7390, 40.0983.



This preview shows how white text looks on a background with the XYZ color 55.8708, 57.7390,

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

55.8708, 57.7390, 40.0983

Protanopia

54.2664, 57.9233, 40.6679

Deuteranopia

58.9529, 57.6603, 40.3702



Tritanopia

61.1115, 57.5656, 65.6480

Trichromacy



Original Color

55.8708, 57.7390, 40.0983

Protanomaly

54.9139, 57.9144, 40.6321

Deuteranomaly

57.7764, 57.7102, 40.4418

Tritanomaly

59.1984, 57.7783, 55.6092

Monochromacy



Original Color

55.8708, 57.7390, 40.0983

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0876, 57.7174, 53.5846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8708, 57.7390, 40.0983 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(221, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 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(221, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 157) }
```

Border

The CSS property to change the border of an element to XYZ 55.8708, 57.7390, 40.0983 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(221, 197, 157) }
```


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

```
.border{ border-color:rgb(221, 197, 157) }
```

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

Here you see how a box with a 4 pixel rgb(221, 197, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8708, 57.7390, 40.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 157) }
```

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

```
.background{ background-color: rgb(221,  
197, 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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