

Converting Colors

XYZ(39.8794, 35.5859, 36.2194)

Have a look what the booklet for
XYZ(39.8794, 35.5859, 36.2194)
contains.

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Color

**XYZ(39.8794, 35.5859,
36.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	C6949C
RGB	198, 148, 156
RGB Percent	78%, 58%, 61%
CMY	0.2235, 0.4196, 0.3882
CMYK	0.00, 0.25, 0.21, 0.22
HSL	350°, 30%, 68%
HSV	350°, 25%, 78%
XYZ	39.8794, 35.5859, 36.2194
YIQ	163.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

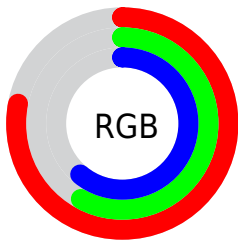
Format	Color
RYB	198, 148, 156
Decimal	13014172
CIELab	66.20, 20.00, 3.15
CIElCh	66, 20.244, 8.956
Yxy	35.5859, 0.3571, 0.3186
Android (android.graphics.Color)	4291204252 (0xFFC6949C)
YUV	163.8620, -3.8760, 29.9390
Hunter-Lab	59.6539, 14.9352, 5.7593

Details

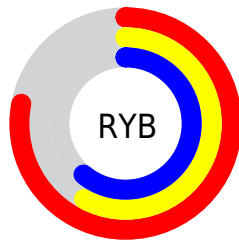
The XYZ color **39.8794, 35.5859, 36.2194** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7026, 50.4027, 56.2485**, and the grayscale version is **35.2306, 37.0653, 40.3642**.

A 20% lighter version of the original color is **73.9934, 68.1542, 70.2280**, and **18.1522, 15.4089, 15.3821** is the 20% darker color. If you saturate the color by 10%, you get **35.7219, 29.3725, 28.3539**, and if you desaturate by 10%, it is **44.7630, 42.9422, 45.2793**.

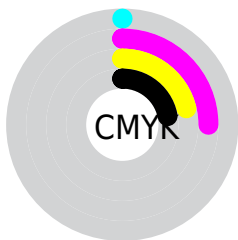
Distribution



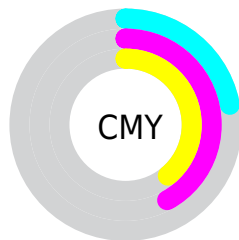
- Red (78%)
- Green (58%)
- Blue (61%)



- Red (78%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8794, 35.5859, 36.2194 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 39.8794, 35.5859, 36.2194 by changing the saturation by 10% instead.


 39.8794, 35.5859,
36.2194


 39.8794, 35.5859,
36.2194


336.7581,
327.1470, 344.9849

 27.6283, 24.1145,
24.3127


 74.2653, 68.3924,
70.5434

 18.1847, 15.4186,
15.3514


 97.1309, 90.4964,
93.7978

 11.1832, 9.1137,
8.9170


124.2654,
116.9134, 121.6718

 6.2584, 4.8154,
4.5910


156.0340,
148.0277, 154.5839

 3.0450, 2.1394,
1.9549

192.8023,
184.2239, 192.9527

 1.1776, 0.6866,
0.5273

234.9355,

 0.0886, 0.0000,

225.8862, 237.1968

0.0000

282.7990,
273.3991, 287.7347

■ 0.0000, 0.0000,
0.0000

■ 39.8794, 35.5859,
36.2194

■ 39.8794, 35.5859,
36.2194

■ 35.7219, 29.3725,
28.3539

■ 44.7630, 42.9422,
45.2793

■ 32.2528, 24.2400,
21.6307

■ 50.4022, 51.4895,
55.5786

■ 29.4352, 20.1277,
15.9969

■ 56.8285, 61.2795,
67.1624

■ 27.2279, 16.9673,
11.3945

■ 64.0707, 72.3589,
80.0731

■ 25.5845, 14.6817,
7.7600

■ 72.1560, 84.7725,
94.3509

■ 24.4520, 13.1821,
5.0229

■ 77.0989, 90.7459,
108.0599

■ 23.7666, 12.3603,
3.1023

■ 23.5451, 12.1083,
2.4391

Harmonies

Analogous

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



39.5278, 35.5859, 45.0202



39.8794, 35.5859, 36.2194



38.5349, 35.5859, 29.2175

Triad

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



39.8794, 35.5859, 36.2194



30.3077, 35.5859, 27.2166



31.7839, 35.5859, 56.4006

Complementary

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



39.8794, 35.5859, 36.2194



41.7026, 50.4027, 56.2485

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.



29.5124, 35.5859, 50.1514



39.8794, 35.5859, 36.2194



28.6959, 35.5859, 33.0854

Square

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



39.8794, 35.5859, 36.2194



32.9289, 35.5859, 24.5512



28.4137, 35.5859, 41.3895



34.7339, 35.5859, 57.5710

Rectangle

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



39.8794, 35.5859, 36.2194



36.9020, 35.5859, 26.1915



28.4137, 35.5859, 41.3895



30.9208, 35.5859, 54.7842

Sweetspot

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



39.8804, 35.5875, 36.2201



86.2464, 86.6128, 92.9555



41.9362, 36.1630, 58.1963



18.1278, 18.0344, 19.2903



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.



39.8804, 35.5875, 36.2201



66.6349, 57.0501, 56.6373



42.0303, 40.9356, 33.7051



10.7019, 10.6641, 11.4135



15.3328, 7.8827, 1.6966



0.7484, 0.3822, 0.1983

Inverse Universe

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



39.8804, 35.5875, 36.2201



66.6349, 57.0501, 56.6373



38.9989, 43.5579, 59.7785



10.7019, 10.6641, 11.4135



15.3328, 7.8827, 1.6966



0.7484, 0.3822, 0.1983

Previews

White Background



This preview shows how the XYZ color 39.8794, 35.5859, 36.2194 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 39.8794, 35.5859, 36.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

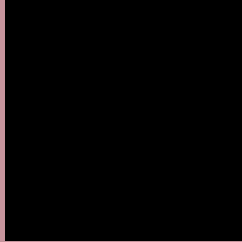
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8794, 35.5859, 36.2194

Background



This preview shows how black text looks on a background with the XYZ color 39.8794, 35.5859, 36.2194.



This preview shows how white text looks on a background with the XYZ color 39.8794, 35.5859,

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

39.8794, 35.5859, 36.2194

Protanopia

34.2859, 35.5725, 39.7094

Deuteranopia

36.3953, 35.7272, 35.9881



Tritanopia

40.1366, 35.6888, 37.5741

Trichromacy



Original Color

39.8794, 35.5859, 36.2194

Protanomaly

36.1381, 35.5451, 38.2139

Deuteranomaly

37.5573, 35.5881, 35.9001

Tritanomaly

40.0502, 35.6542, 37.1188

Monochromacy



Original Color

39.8794, 35.5859, 36.2194

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5644, 36.2570, 38.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8794, 35.5859, 36.2194 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(198, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 156)  
}
```

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(198, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.8794, 35.5859, 36.2194 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(198, 148, 156) }
```


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

```
.border{ border-color:rgb(198, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8794, 35.5859, 36.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 156) }
```

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

```
.background{ background-color: rgb(198,  
148, 156) }
```

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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