

Converting Colors

XYZ(39.3172, 35.6507, 36.1737)

Have a look what the booklet for
XYZ(39.3172, 35.6507, 36.1737)
contains.

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Color

**XYZ(39.4128, 35.8151,
36.2882)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C3969C |
| RGB | 195, 150, 156 |
| RGB Percent | 76%, 59%, 61% |
| CMY | 0.2353, 0.4117, 0.3882 |
| CMYK | 0.00, 0.23, 0.20, 0.24 |
| HSL | 352°, 27%, 68% |
| HSV | 352°, 23%, 76% |
| XYZ | 39.4128, 35.8151, 36.2882 |
| YIQ | 164.1390, 24.8940, 11.4060 |

Conversions

Conversions Part 2

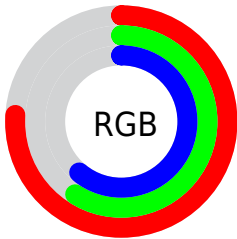
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 195, 150, 156 |
| Decimal | 12818076 |
| CIELab | 66.38, 17.77, 3.37 |
| CIElCh | 66, 18.089, 10.728 |
| Yxy | 35.8151, 0.3534, 0.3212 |
| Android (android.graphics.Color) | 4291008156 (0xFFC3969C) |
| YUV | 164.1390, -4.0125, 27.0651 |
| Hunter-Lab | 59.8457, 12.8254, 5.9408 |

Details

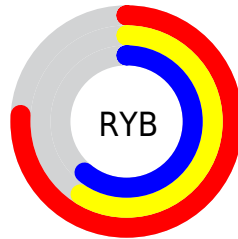
The XYZ color **39.4128, 35.8151, 36.2882** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2796, 49.1893, 55.4654**, and the grayscale version is **35.3638, 37.2055, 40.5167**.

A 20% lighter version of the original color is **73.3706, 68.5343, 70.3342**, and **17.9961, 15.6063, 15.4284** is the 20% darker color. If you saturate the color by 10%, you get **35.2233, 29.5690, 28.3152**, and if you desaturate by 10%, it is **44.3213, 43.1797, 45.4842**.

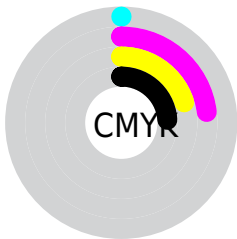
Distribution



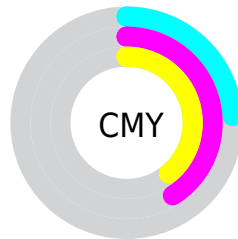
- Red (76%)
- Green (59%)
- Blue (61%)



- Red (76%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4128, 35.8151, 36.2882 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 39.4128, 35.8151, 36.2882 by changing the saturation by 10% instead.


 39.4128, 35.8151,
36.2882


 39.4128, 35.8151,
36.2882


334.8194,
328.1517, 345.2939

 27.2632, 24.2914,
24.3654


 73.5586, 68.7466,
70.6507

 17.9086, 15.5499,
15.3902


 96.2854, 90.9232,
93.9275

 10.9837, 9.2063,
8.9440


123.2687,
117.4195, 121.8260

 6.1231, 4.8760,
4.6084

154.8738,
148.6201, 154.7649

 2.9614, 2.1747,
1.9647

191.4661,
184.9091, 193.1625

 1.1334, 0.7061,
0.5334

233.4108,

 0.0528, 0.0000,

226.6712, 237.4376

0.0000

281.0735,
274.2905, 288.0085

■ 0.0000, 0.0000,
0.0000

■ 39.4128, 35.8151,
36.2882

■ 39.4128, 35.8151,
36.2882

■ 35.2233, 29.5690,
28.3152

■ 44.3213, 43.1797,
45.4842

■ 31.7159, 24.3821,
21.5114

■ 49.9773, 51.7086,
55.9496

■ 28.8553, 20.1970,
15.8223

■ 56.4115, 61.4512,
67.7308

■ 26.6014, 16.9487,
11.1880

■ 63.6519, 72.4523,
80.8716

■ 24.9097, 14.5647,
7.5431

■ 71.7251, 84.7546,
95.4134

■ 23.7297, 12.9621,
4.8147

■ 76.3158, 90.3422,
108.0233

■ 23.0012, 12.0411,
2.9195

■ 22.6921, 11.6767,
2.0343

Harmonies

Analogous

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



39.1920, 35.8151, 44.1236



39.4128, 35.8151, 36.2882



38.1378, 35.8151, 30.0605

Triad

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



39.4128, 35.8151, 36.2882



30.7583, 35.8151, 28.7603



32.3528, 35.8151, 54.8197

Complementary

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



39.4128, 35.8151, 36.2882



41.2796, 49.1893, 55.4654

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.



30.2489, 35.8151, 49.5483



39.4128, 35.8151, 36.2882



29.3626, 35.8151, 34.2829

Square

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



39.4128, 35.8151, 36.2882



33.0819, 35.8151, 26.1130



29.1812, 35.8151, 41.8364



35.0188, 35.8151, 55.5437

Rectangle

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



39.4128, 35.8151, 36.2882



36.6488, 35.8151, 27.3900



29.1812, 35.8151, 41.8364



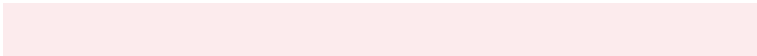
31.5603, 35.8151, 53.4909

Sweetspot

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



39.4138, 35.8167, 36.2889



85.2586, 86.1917, 92.3661



41.7441, 36.5733, 56.4894



18.5327, 18.6669, 19.9720



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.



39.4138, 35.8167, 36.2889



66.4119, 57.9086, 57.0735



41.7391, 41.2601, 34.6203



10.1266, 10.0993, 10.7574



14.7667, 7.5964, 1.4175



0.6562, 0.3355, 0.1570

Inverse Universe

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



39.4138, 35.8167, 36.2889



66.4119, 57.9086, 57.0735



38.4495, 42.4656, 57.8003



10.1266, 10.0993, 10.7574



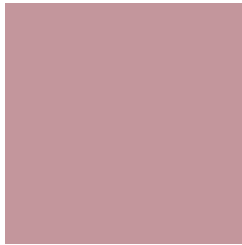
14.7667, 7.5964, 1.4175



0.6562, 0.3355, 0.1570

Previews

White Background



This preview shows how the XYZ color 39.4128, 35.8151, 36.2882 looks on a white background.

Color Contrast Check

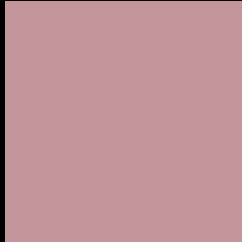
Large Text (above 18pt) WCAG AA × Fail

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 39.4128, 35.8151, 36.2882 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 39.4128, 35.8151, 36.2882

Background



This preview shows how black text looks on a background with the XYZ color 39.4128, 35.8151, 36.2882.



This preview shows how white text looks on a background with the XYZ color 39.4128, 35.8151,

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

39.4128, 35.8151, 36.2882

Protanopia

34.5763, 35.9909, 39.3070

Deuteranopia

36.6273, 35.8468, 35.9990



Tritanopia

39.9454, 35.8039, 38.5237

Trichromacy



Original Color

39.4128, 35.8151, 36.2882

Protanomaly

36.0813, 35.7660, 38.2595

Deuteranomaly

37.4796, 35.7920, 35.9435

Tritanomaly

39.7704, 35.7339, 37.6021

Monochromacy



Original Color

39.4128, 35.8151, 36.2882

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5104, 36.4834, 38.8359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4128, 35.8151, 36.2882 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(195, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 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(195, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.4128, 35.8151, 36.2882 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(195, 150, 156) }
```


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

```
.border{ border-color:rgb(195, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4128, 35.8151, 36.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 156) }
```

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

```
.background{ background-color: rgb(195,  
150, 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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