

Converting Colors

XYZ(40.0730, 35.9227, 38.5431)

Have a look what the booklet for
XYZ(40.0730, 35.9227, 38.5431)
contains.

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Color

**XYZ(39.9454, 35.8039,
38.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	C495A1
RGB	196, 149, 161
RGB Percent	77%, 58%, 63%
CMY	0.2314, 0.4157, 0.3686
CMYK	0.00, 0.24, 0.18, 0.23
HSL	345°, 28%, 68%
HSV	345°, 24%, 77%
XYZ	39.9454, 35.8039, 38.5237
YIQ	164.4210, 24.1600, 13.6960

Conversions

Conversions Part 2

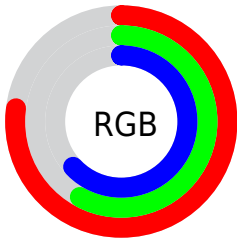
Format	Color
R_{YB}	196, 149, 161
Decimal	12883361
CIE _{Lab}	66.37, 19.48, 0.56
CIE _{LCh}	66, 19.490, 1.651
Yxy	35.8039, 0.3496, 0.3133
Android (android.graphics.Color)	4291073441 (0xFFC495A1)
YUV	164.4210, -1.6866, 27.6948
Hunter-Lab	59.8364, 14.4489, 3.7135

Details

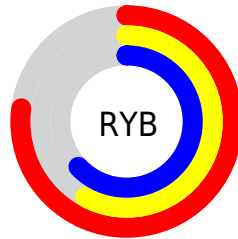
The XYZ color **39.9454, 35.8039, 38.5237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7875, 49.3309, 52.7219**, and the grayscale version is **35.4878, 37.3359, 40.6588**.

A 20% lighter version of the original color is **74.2586, 68.5524, 74.2838**, and **18.3375, 15.6119, 16.7988** is the 20% darker color. If you saturate the color by 10%, you get **35.8886, 29.6312, 31.1871**, and if you desaturate by 10%, it is **44.6764, 43.0837, 46.8273**.

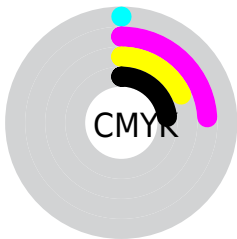
Distribution



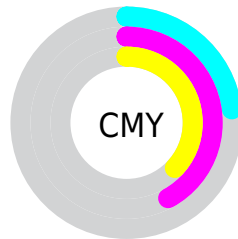
- Red (77%)
- Green (58%)
- Blue (63%)



- Red (77%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9454, 35.8039, 38.5237 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 39.9454, 35.8039, 38.5237 by changing the saturation by 10% instead.


 39.9454, 35.8039,
38.5237


 39.9454, 35.8039,
38.5237


337.0318,
328.1026, 355.2265

 27.6800, 24.2828,
26.0844


 74.3652, 68.7293,
74.1224

 18.2238, 15.5435,
16.6605

 97.2504, 90.9023,
98.1190

 11.2114, 9.2017,
9.8333


124.4061,
117.3948, 126.8050

 6.2776, 4.8730,
5.1844

156.1979,
148.5911, 160.5991

 3.0568, 2.1729,
2.2952

192.9910,
184.8757, 199.9197

 1.1839, 0.7052,
0.7286

235.1507,

 0.0936, 0.0000,

226.6329, 245.1855

0.0000

283.0425,
274.2470, 296.8149

■ 0.0000, 0.0000,
0.0000

■ 39.9454, 35.8039,
38.5237

■ 39.9454, 35.8039,
38.5237

■ 35.8886, 29.6312,
31.1871

■ 44.6764, 43.0837,
46.8273

■ 32.4716, 24.5063,
24.7794

■ 50.1077, 51.5162,
56.1296

■ 29.6618, 20.3721,
19.2633

■ 56.2678, 61.1503,
66.4635

■ 27.4220, 17.1637,
14.5980

■ 63.1825, 72.0309,
77.8598

■ 25.7112, 14.8087,
10.7393

■ 70.8766, 84.2002,
90.3478

■ 24.4822, 13.2237,
7.6385

■ 75.5589, 90.0694,
102.6844

■ 23.6790, 12.3080,
5.2412

■ 76.5751, 90.4758,
108.0354

■ 23.3414, 11.9664,
4.1006

Harmonies

Analogous

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



39.2047, 35.8039, 47.1129



39.9454, 35.8039, 38.5237



39.0275, 35.8039, 31.1541

Triad

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



39.9454, 35.8039, 38.5237



31.1736, 35.8039, 26.8556



31.4382, 35.8039, 54.8842

Complementary

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



39.9454, 35.8039, 38.5237



40.7875, 49.3309, 52.7219

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.



29.4794, 35.8039, 48.0276



39.9454, 35.8039, 38.5237



29.3329, 35.8039, 31.8491

Square

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



39.9454, 35.8039, 38.5237



33.8693, 35.8039, 25.0412



28.7304, 35.8039, 39.4487



34.1923, 35.8039, 57.3291

Rectangle

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



39.9454, 35.8039, 38.5237



37.6274, 35.8039, 27.7033



28.7304, 35.8039, 39.4487



30.6705, 35.8039, 52.9748

Sweetspot

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



39.9464, 35.8055, 38.5244



87.5506, 88.3084, 96.2042



40.3521, 35.6068, 56.9708



18.6077, 18.6968, 20.3668



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.



39.9464, 35.8055, 38.5244



68.1908, 58.4948, 62.2951



40.7560, 39.0373, 33.8227



10.1764, 10.1191, 11.0192



15.0279, 7.7009, 2.7929



0.6784, 0.3444, 0.2737

Inverse Universe

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



39.9464, 35.8055, 38.5244



68.1908, 58.4948, 62.2951



39.7154, 45.0881, 58.8344



10.1764, 10.1191, 11.0192



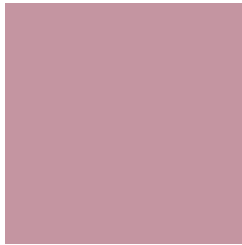
15.0279, 7.7009, 2.7929



0.6784, 0.3444, 0.2737

Previews

White Background



This preview shows how the XYZ color 39.9454, 35.8039, 38.5237 looks on a white background.

Color Contrast Check

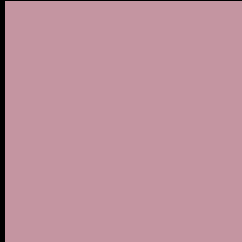
Large Text (above 18pt) WCAG AA × Fail

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 39.9454, 35.8039, 38.5237 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 39.9454, 35.8039, 38.5237

Background



This preview shows how black text looks on a background with the XYZ color 39.9454, 35.8039, 38.5237.



This preview shows how white text looks on a background with the XYZ color 39.9454, 35.8039,

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

39.9454, 35.8039, 38.5237

Protanopia

34.9170, 36.1034, 42.1741

Deuteranopia

36.5937, 35.7800, 38.2352



Tritanopia

39.9454, 35.8039, 38.5237

Trichromacy



Original Color

39.9454, 35.8039, 38.5237

Protanomaly

36.5277, 35.9445, 40.6101

Deuteranomaly

37.7440, 35.6348, 38.1466

Tritanomaly

39.9454, 35.8039, 38.5237

Monochromacy



Original Color

39.9454, 35.8039, 38.5237

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.9135, 36.6707, 39.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9454, 35.8039, 38.5237 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(196, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 161)  
}
```

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(196, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.9454, 35.8039, 38.5237 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(196, 149, 161) }
```


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

```
.border{ border-color:rgb(196, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9454, 35.8039, 38.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 161) }
```

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

```
.background{ background-color: rgb(196,  
149, 161) }
```

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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