

Converting Colors

XYZ(40.4370, 35.3410, 39.7135)

Have a look what the booklet for
XYZ(40.4370, 35.3410, 39.7135)
contains.

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Color

**XYZ(40.5329, 35.3802,
39.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	C792A4
RGB	199, 146, 164
RGB Percent	78%, 57%, 64%
CMY	0.2196, 0.4274, 0.3569
CMYK	0.00, 0.27, 0.18, 0.22
HSL	340°, 32%, 68%
HSV	340°, 27%, 78%
XYZ	40.5329, 35.3802, 39.8147
YIQ	163.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

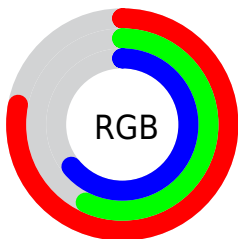
Format	Color
R _Y B	199, 146, 164
Decimal	13079204
CIE Lab	66.04, 22.71, -1.56
CIE LCh	66, 22.769, 356.062
Yxy	35.3802, 0.3502, 0.3057
Android (android.graphics.Color)	4291269284 (0xFFC792A4)
YUV	163.8990, 0.0498, 30.7836
Hunter-Lab	59.4813, 17.5448, 1.9502

Details

The XYZ color **40.5329, 35.3802, 39.8147** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6194, 50.2949, 51.2855**, and the grayscale version is **35.2306, 37.0653, 40.3641**.

A 20% lighter version of the original color is **74.6805, 67.6830, 76.1459**, and **18.5184, 15.2836, 17.3032** is the 20% darker color. If you saturate the color by 10%, you get **36.6020, 29.3205, 32.9482**, and if you desaturate by 10%, it is **45.1224, 42.5601, 47.5067**.

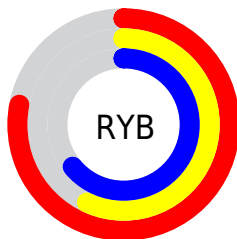
Distribution



Red (78%)

Green (57%)

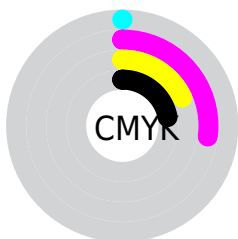
Blue (64%)



Red (78%)

Yellow (57%)

Blue (64%)

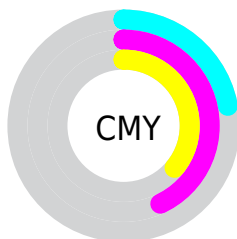


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5329, 35.3802, 39.8147 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 40.5329, 35.3802, 39.8147 by changing the saturation by 10% instead.

 40.5329, 35.3802,
39.8147


 40.5329, 35.3802,
39.8147


339.4606,
326.2433, 360.8708

 28.1403, 23.9559,
27.0814


 75.2535, 68.0743,
76.1153

 18.5725, 15.3009,
17.4014


 98.3123, 90.1130,
100.5196

 11.4639, 9.0308,
10.3561


125.6571,
116.4585, 129.6514

 6.4494, 4.7613,
5.5270

157.6535,
147.4953, 163.9292

 3.1634, 2.1079,
2.4956

194.6666,
183.6078, 203.7714

 1.2408, 0.6691,
0.8378

237.0620,

 0.1382, 0.0000,

225.1804, 249.5968

0.0000

285.2048,
272.5974, 301.8237

■ 0.0000, 0.0000,
0.0000

■ 40.5329, 35.3802,
39.8147

■ 40.5329, 35.3802,
39.8147

■ 36.6020, 29.3205,
32.9482

■ 45.1224, 42.5601,
47.5067

■ 33.2954, 24.3193,
26.8764

■ 50.3967, 50.9081,
56.0492

■ 30.5800, 20.3163,
21.5692

■ 56.3843, 60.4751,
65.4690

■ 28.4183, 17.2433,
16.9942

■ 63.1110, 71.3078,
75.7908

■ 26.7684, 15.0231,
13.1158

■ 70.6015, 83.4501,
87.0383

■ 25.5818, 13.5662,
9.8951

■ 75.4692, 90.1245,
98.0979

■ 24.7959, 12.7557,
7.2867

■ 77.3633, 90.8822,
108.0723

■ 24.5838, 12.5544,
6.5288

Harmonies

Analogous

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



39.3096, 35.3802, 49.8696



40.5329, 35.3802, 39.8147



39.8066, 35.3802, 30.9147

Triad

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



40.5329, 35.3802, 39.8147



30.8541, 35.3802, 24.1123



30.1303, 35.3802, 56.1087

Complementary

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



40.5329, 35.3802, 39.8147



40.6194, 50.2949, 51.2855

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.



28.1239, 35.3802, 47.2873



40.5329, 35.3802, 39.8147



28.5218, 35.3802, 29.0429

Square

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



40.5329, 35.3802, 39.8147



34.0759, 35.3802, 22.7855



27.5552, 35.3802, 37.2596



33.1837, 35.3802, 60.2207

Rectangle

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



40.5329, 35.3802, 39.8147



38.3391, 35.3802, 26.6205



27.5552, 35.3802, 37.2596



29.3192, 35.3802, 53.5307

Sweetspot

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



40.5339, 35.3818, 39.8154



86.7900, 86.8303, 95.8183



39.5163, 34.4405, 58.5981



18.2639, 18.0889, 20.0067



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.



40.5339, 35.3818, 39.8154



66.8159, 55.5230, 62.5213



40.2901, 37.3137, 32.2749



10.7800, 10.6954, 11.8248



15.8449, 8.0875, 4.3932



0.7842, 0.3965, 0.3870

Inverse Universe

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



40.5339, 35.3818, 39.8154



66.8159, 55.5230, 62.5213



40.8058, 47.5189, 61.0546



10.7800, 10.6954, 11.8248



15.8449, 8.0875, 4.3932



0.7842, 0.3965, 0.3870

Previews

White Background



This preview shows how the XYZ color 40.5329, 35.3802, 39.8147 looks on a white background.

Color Contrast Check

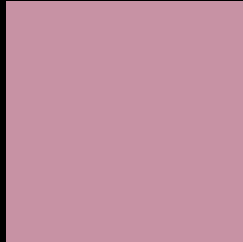
Large Text (above 18pt) WCAG AA × Fail

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 40.5329, 35.3802, 39.8147 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 40.5329, 35.3802, 39.8147

Background



This preview shows how black text looks on a background with the XYZ color 40.5329, 35.3802, 39.8147.



This preview shows how white text looks on a background with the XYZ color 40.5329, 35.3802,

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

40.5329, 35.3802, 39.8147

Protanopia

34.5144, 35.5938, 44.0809

Deuteranopia

36.3146, 35.6157, 39.1429



Tritanopia

39.8940, 35.3418, 37.0668

Trichromacy



Original Color

40.5329, 35.3802, 39.8147

Protanomaly

36.3383, 35.3059, 42.4356

Deuteranomaly

37.6063, 35.2912, 39.4801

Tritanomaly

40.0676, 35.4113, 37.9810

Monochromacy



Original Color

40.5329, 35.3802, 39.8147

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.8893, 36.1414, 40.1537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5329, 35.3802, 39.8147 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(199, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 146, 164)  
}
```

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(199, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 146, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.5329, 35.3802, 39.8147 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(199, 146, 164) }
```


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

```
.border{ border-color:rgb(199, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 146,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5329, 35.3802, 39.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 146, 164) }
```

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

```
.background{ background-color: rgb(199,  
146, 164) }
```

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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