

Converting Colors

XYZ(40.3656, 35.6310, 40.5703)

Have a look what the booklet for
XYZ(40.3656, 35.6310, 40.5703)
contains.

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Color

**XYZ(40.4074, 35.7667,
40.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	C594A5
RGB	197, 148, 165
RGB Percent	77%, 58%, 65%
CMY	0.2274, 0.4196, 0.3529
CMYK	0.00, 0.25, 0.16, 0.23
HSL	339°, 30%, 68%
HSV	339°, 25%, 77%
XYZ	40.4074, 35.7667, 40.3713
YIQ	164.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

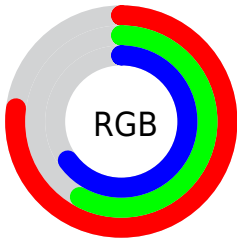
Format	Color
RYB	197, 148, 165
Decimal	12948645
CIELab	66.34, 21.04, -1.71
CIELCh	66, 21.113, 355.344
Yxy	35.7667, 0.3467, 0.3069
Android (android.graphics.Color)	4291138725 (0xFFC594A5)
YUV	164.5890, 0.2026, 28.4244
Hunter-Lab	59.8053, 15.9442, 1.8402

Details

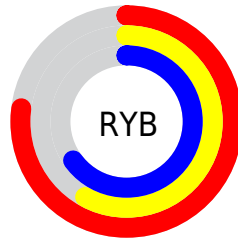
The XYZ color **40.4074, 35.7667, 40.3713** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4187, 49.5246, 50.6112**, and the grayscale version is **35.5594, 37.4112, 40.7408**.

A 20% lighter version of the original color is **74.9118, 68.4792, 76.9797**, and **18.4107, 15.4924, 17.6428** is the 20% darker color. If you saturate the color by 10%, you get **36.4637, 29.6598, 33.5667**, and if you desaturate by 10%, it is **44.9969, 42.9758, 47.9732**.

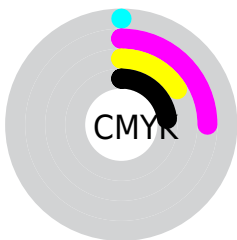
Distribution



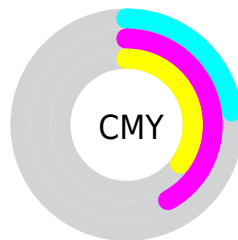
- Red (77%)
- Green (58%)
- Blue (65%)



- Red (77%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4074, 35.7667, 40.3713 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 40.4074, 35.7667, 40.3713 by changing the saturation by 10% instead.


 40.4074, 35.7667,
40.3713


 40.4074, 35.7667,
40.3713


338.9428,
327.9397, 363.2846

 28.0420, 24.2541,
27.5122


 75.0639, 68.6718,
76.9718

 18.4979, 15.5222,
17.7224


 98.0856, 90.8331,
101.5503

 11.4099, 9.1867,
10.5835


125.3902,
117.3127, 130.8724

 6.4126, 4.8632,
5.6769

157.3430,
148.4951, 165.3565

 3.1406, 2.1672,
2.5840

194.3092,
184.7645, 205.4212

 1.2285, 0.7020,
0.8842

236.6544,

 0.1287, 0.0000,

226.5055, 251.4851

0.0000

284.7438,
274.1025, 303.9667

■ 0.0000, 0.0000,
0.0000

■ 40.4074, 35.7667,
40.3713

■ 40.4074, 35.7667,
40.3713

■ 36.4637, 29.6598,
33.5667

■ 44.9969, 42.9758,
47.9732

■ 33.1325, 24.5954,
27.5302

■ 50.2571, 51.3329,
56.3960

■ 30.3825, 20.5160,
22.2337

■ 56.2155, 60.8873,
65.6650

■ 28.1778, 17.3562,
17.6464

■ 62.8969, 71.6839,
75.8035

■ 26.4785, 15.0426,
13.7352

■ 70.3251, 83.7653,
86.8340

■ 25.2388, 13.4904,
10.4636

■ 74.8430, 89.8132,
97.5519

■ 24.4037, 12.5969,
7.7906

■ 76.8362, 90.6104,
108.0476

■ 24.0799, 12.2919,
6.6266

Harmonies

Analogous

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



39.2337, 35.7667, 49.6829



40.4074, 35.7667, 40.3713



39.7780, 35.7667, 31.9701

Triad

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



40.4074, 35.7667, 40.3713



31.4639, 35.7667, 25.2575



30.6608, 35.7667, 55.0554

Complementary

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



40.4074, 35.7667, 40.3713



40.4187, 49.5246, 50.6112

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.



28.8019, 35.7667, 46.8645



40.4074, 35.7667, 40.3713



29.2451, 35.7667, 29.8759

Square

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



40.4074, 35.7667, 40.3713



34.4900, 35.7667, 24.0667



28.3000, 35.7667, 37.5505



33.5051, 35.7667, 58.9546

Rectangle

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



40.4074, 35.7667, 40.3713



38.4399, 35.7667, 27.8460



28.3000, 35.7667, 37.5505



29.9070, 35.7667, 52.6565

Sweetspot

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



40.4084, 35.7683, 40.3720



87.7970, 88.4070, 97.5020



39.4567, 34.8981, 57.4802



18.6646, 18.7196, 20.6667



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.



40.4084, 35.7683, 40.3720



68.2840, 57.7097, 65.3214



40.1522, 37.5694, 33.1543



10.7832, 10.6967, 11.8418



15.8741, 8.0992, 4.5471



0.7859, 0.3972, 0.3955

Inverse Universe

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



40.4084, 35.7683, 40.3720



68.2840, 57.7097, 65.3214



40.6297, 47.0036, 59.7550



10.7832, 10.6967, 11.8418



15.8741, 8.0992, 4.5471



0.7859, 0.3972, 0.3955

Previews

White Background



This preview shows how the XYZ color 40.4074, 35.7667, 40.3713 looks on a white background.

Color Contrast Check

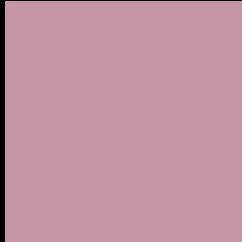
Large Text (above 18pt) WCAG AA × Fail

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 40.4074, 35.7667, 40.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

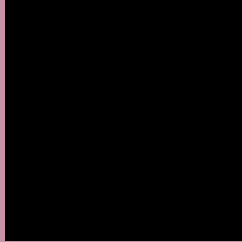
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4074, 35.7667, 40.3713

Background



This preview shows how black text looks on a background with the XYZ color 40.4074, 35.7667, 40.3713.



This preview shows how white text looks on a background with the XYZ color 40.4074, 35.7667,

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

40.4074, 35.7667, 40.3713

Protanopia

34.9856, 36.0839, 44.6561

Deuteranopia

36.5723, 35.9884, 39.6692



Tritanopia

39.8576, 35.7687, 38.0610

Trichromacy



Original Color

40.4074, 35.7667, 40.3713

Protanomaly

36.5997, 35.6779, 42.9877

Deuteranomaly

38.0236, 35.9819, 40.0631

Tritanomaly

40.0340, 35.8393, 38.9901

Monochromacy



Original Color

40.4074, 35.7667, 40.3713

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3211, 36.8600, 40.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4074, 35.7667, 40.3713 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(197, 148, 165)` looks like.

```
.text, #text, p{  
    color:rgb(197, 148, 165)  
}
```

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(197, 148, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 148, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.4074, 35.7667, 40.3713 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(197, 148, 165) }
```


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

```
.border{ border-color:rgb(197, 148, 165) }
```

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

Here you see how a box with a 4 pixel rgb(197, 148, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 148, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 148, 165);  
box-shadow:4px 4px 4px 4px rgb(197, 148,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4074, 35.7667, 40.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 148, 165) }
```

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

```
.background{ background-color: rgb(197,  
148, 165) }
```

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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