

Converting Colors

XYZ(40.7978, 36.3972, 40.2571)

Have a look what the booklet for
XYZ(40.7978, 36.3972, 40.2571)
contains.

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Color

**XYZ(40.9866, 36.5351,
40.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	C696A5
RGB	198, 150, 165
RGB Percent	78%, 59%, 65%
CMY	0.2235, 0.4117, 0.3529
CMYK	0.00, 0.24, 0.17, 0.22
HSL	341°, 30%, 68%
HSV	341°, 24%, 78%
XYZ	40.9866, 36.5351, 40.4891
YIQ	166.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

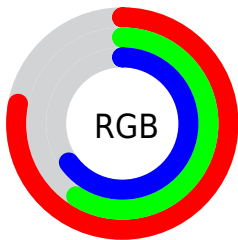
Format	Color
RYB	198, 150, 165
Decimal	13014693
CIELab	66.93, 20.31, -0.84
CIElCh	67, 20.325, 357.620
Yxy	36.5351, 0.3473, 0.3096
Android (android.graphics.Color)	4291204773 (0xFFC696A5)
YUV	166.0620, -0.5236, 28.0096
Hunter-Lab	60.4443, 15.2614, 2.5951

Details

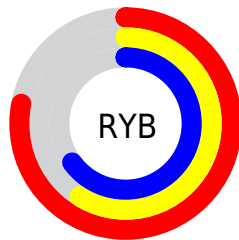
The XYZ color **40.9866, 36.5351, 40.4891** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3205, 50.2920, 52.3317**, and the grayscale version is **36.2708, 38.1597, 41.5559**.

A 20% lighter version of the original color is **75.7511, 69.6130, 77.1543**, and **18.7702, 15.9556, 17.7132** is the 20% darker color. If you saturate the color by 10%, you get **36.9162, 30.2726, 33.3410**, and if you desaturate by 10%, it is **45.7248, 43.9213, 48.5115**.

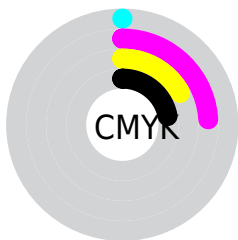
Distribution



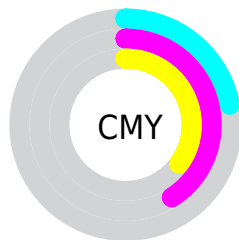
- Red (78%)
- Green (59%)
- Blue (65%)



- Red (78%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9866, 36.5351, 40.4891 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 40.9866, 36.5351, 40.4891 by changing the saturation by 10% instead.


 40.9866, 36.5351,
40.4891


 40.9866, 36.5351,
40.4891

341.3282,
331.2934, 363.7940

 28.4962, 24.8477,
27.6034


 75.9384, 69.8572,
77.1529

 18.8424, 15.9637,
17.7905

 99.1305, 92.2607,
101.7682

 11.6598, 9.4984,
10.6318

126.6206,
119.0051, 131.1303

 6.5830, 5.0677,
5.7088

158.7741,
150.4747, 165.6580

 3.2467, 2.2870,
2.6029

195.9562,
187.0539, 205.7696

 1.2855, 0.7668,
0.8940

238.5323,

 0.1724, 0.0000,

229.1272, 251.8838

0.0000

286.8679,
277.0789, 304.4191

■ 0.0000, 0.0000,
0.0000

■ 40.9866, 36.5351,
40.4891

■ 40.9866, 36.5351,
40.4891

■ 36.9162, 30.2726,
33.3410

■ 45.7248, 43.9213,
48.5115

■ 33.4797, 25.0737,
27.0342

■ 51.1566, 52.4778,
57.4348

■ 30.6445, 20.8799,
21.5371

■ 57.3102, 62.2544,
67.2875

■ 28.3741, 17.6253,
16.8150

■ 64.2112, 73.2966,
78.0959

■ 26.6275, 15.2357,
12.8303

■ 71.8840, 85.6476,
89.8854

■ 25.3579, 13.6260,
9.5421

■ 75.7884, 90.2217,
101.1590

■ 24.5095, 12.6931,
6.9041

■ 77.0989, 90.7459,
108.0599

■ 24.1547, 12.3522,
5.6491

Harmonies

Analogous

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



39.9722, 36.5351, 49.5748



40.9866, 36.5351, 40.4891



40.2429, 36.5351, 32.4225

Triad

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



40.9866, 36.5351, 40.4891



32.0510, 36.5351, 26.5629



31.6489, 36.5351, 55.8963

Complementary

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



40.9866, 36.5351, 40.4891



41.3205, 50.2920, 52.3317

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.



29.7370, 36.5351, 48.1752



40.9866, 36.5351, 40.4891



29.9593, 36.5351, 31.3695

Square

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



40.9866, 36.5351, 40.4891



34.9721, 36.5351, 25.1239



29.1369, 36.5351, 39.0802



34.4801, 36.5351, 59.2520

Rectangle

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



40.9866, 36.5351, 40.4891



38.8732, 36.5351, 28.5187



29.1369, 36.5351, 39.0802



30.8838, 36.5351, 53.6742

Sweetspot

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



40.9876, 36.5368, 40.4899



87.7041, 88.3699, 97.0128



40.5816, 35.9345, 58.2236



18.6432, 18.7110, 20.5536



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.



40.9876, 36.5368, 40.4899



68.6918, 58.6952, 64.9335



41.1588, 38.9370, 34.2025



10.7681, 10.6906, 11.7621



15.7426, 8.0466, 3.8544



0.7784, 0.3942, 0.3564

Inverse Universe

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



40.9876, 36.5368, 40.4899



68.6918, 58.6952, 64.9335



41.0127, 47.0437, 60.3452



10.7681, 10.6906, 11.7621



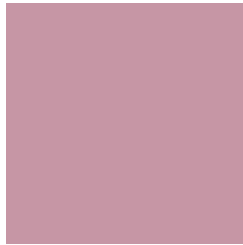
15.7426, 8.0466, 3.8544



0.7784, 0.3942, 0.3564

Previews

White Background



This preview shows how the XYZ color 40.9866, 36.5351, 40.4891 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 40.9866, 36.5351, 40.4891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

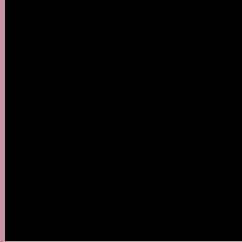
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9866, 36.5351, 40.4891

Background



This preview shows how black text looks on a background with the XYZ color 40.9866, 36.5351, 40.4891.



This preview shows how white text looks on a background with the XYZ color 40.9866, 36.5351,

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

40.9866, 36.5351, 40.4891

Protanopia

35.4710, 36.6057, 44.2258

Deuteranopia

37.5181, 36.7178, 40.2318



Tritanopia

40.7166, 36.4271, 39.0676

Trichromacy



Original Color

40.9866, 36.5351, 40.4891

Protanomaly

37.2928, 36.5484, 42.6251

Deuteranomaly

38.6719, 36.5621, 40.1409

Tritanomaly

40.8059, 36.4628, 39.5377

Monochromacy



Original Color

40.9866, 36.5351, 40.4891

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8138, 37.3598, 41.2945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9866, 36.5351, 40.4891 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, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 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(198, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.9866, 36.5351, 40.4891 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, 150, 165) }
```


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

```
.border{ border-color:rgb(198, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9866, 36.5351, 40.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 165) }
```

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

```
.background{ background-color: rgb(198,  
150, 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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