

Converting Colors

XYZ(40.1080, 36.0918, 39.9723)

Have a look what the booklet for
XYZ(40.1080, 36.0918, 39.9723)
contains.

XYZ(40.1129, 36.0951, 39.9748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.1129, 36.0951,
39.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	C396A4
RGB	195, 150, 164
RGB Percent	76%, 59%, 64%
CMY	0.2353, 0.4117, 0.3569
CMYK	0.00, 0.23, 0.16, 0.24
HSL	341°, 27%, 68%
HSV	341°, 23%, 76%
XYZ	40.1129, 36.0951, 39.9748
YIQ	165.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

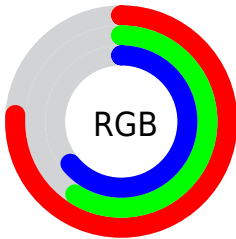
Format	Color
R _Y B	195, 150, 164
Decimal	12818084
CIE Lab	66.59, 19.04, -0.81
CIE LCh	67, 19.061, 357.569
Yxy	36.0951, 0.3453, 0.3107
Android (android.graphics.Color)	4291008164 (0xFFC396A4)
YUV	165.0510, -0.5181, 26.2653
Hunter-Lab	60.0792, 14.0400, 2.6057

Details

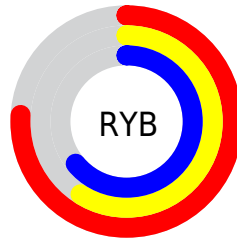
The XYZ color **40.1129, 36.0951, 39.9748** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4348, 48.8515, 51.0166**, and the grayscale version is **35.7844, 37.6479, 40.9986**.

A 20% lighter version of the original color is **74.5239, 68.9957, 76.4075**, and **18.3710, 15.7563, 17.4022** is the 20% darker color. If you saturate the color by 10%, you get **36.1066, 29.9223, 32.9665**, and if you desaturate by 10%, it is **44.7672, 43.3580, 47.8323**.

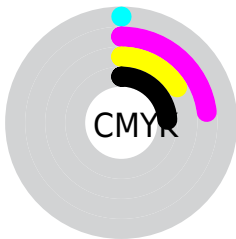
Distribution



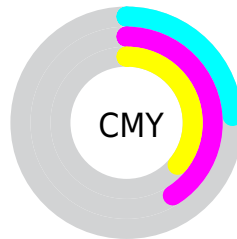
- Red (76%)
- Green (59%)
- Blue (64%)



- Red (76%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1129, 36.0951, 39.9748 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 40.1129, 36.0951, 39.9748 by changing the saturation by 10% instead.


 40.1129, 36.0951,
39.9748

 40.1129, 36.0951,
39.9748

337.7255,
329.3760, 361.5663

 27.8112, 24.5077,
27.2053


 74.6186, 69.1788,
76.3618

 18.3231, 15.7106,
17.4936


 97.5534, 91.4439,
100.8164

 11.2833, 9.3196,
10.4214


124.7632,
118.0370, 130.0030

 6.3264, 4.9502,
5.5700

156.6134,
149.3424, 164.3402

 3.0871, 2.2181,
2.5209

193.4694,
185.7446, 204.2467

 1.2000, 0.7298,
0.8512

235.6965,

 0.1064, 0.0000,

227.6281, 250.1408

0.0000

283.6601,
275.3771, 302.4411

■ 0.0000, 0.0000,
0.0000

■ 40.1129, 36.0951,
39.9748

■ 40.1129, 36.0951,
39.9748

■ 36.1066, 29.9223,
32.9665

■ 44.7672, 43.3580,
47.8323

■ 32.7157, 24.7820,
26.7757

■ 50.0942, 51.7553,
56.5647

■ 29.9092, 20.6185,
21.3720

■ 56.1207, 61.3348,
66.1992

■ 27.6524, 17.3690,
16.7222

■ 62.8714, 72.1400,
76.7613

■ 25.9062, 14.9633,
12.7902

■ 70.3696, 84.2124,
88.2754

■ 24.6265, 13.3208,
9.5368

■ 74.6875, 89.6909,
99.4482

■ 23.7606, 12.3448,
6.9182

■ 76.3159, 90.3422,
108.0233

■ 23.3390, 11.9355,
5.4402

Harmonies

Analogous

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



39.1719, 36.0951, 48.3875



40.1129, 36.0951, 39.9748



39.4279, 36.0951, 32.4403

Triad

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



40.1129, 36.0951, 39.9748



31.8196, 36.0951, 26.9054



31.4360, 36.0951, 54.1840

Complementary

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



40.1129, 36.0951, 39.9748



40.4348, 48.8515, 51.0166

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.



29.6504, 36.0951, 47.0675



40.1129, 36.0951, 39.9748



29.8631, 36.0951, 31.4305

Square

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



40.1129, 36.0951, 39.9748



34.5416, 36.0951, 25.5480



29.0908, 36.0951, 38.6357



34.0740, 36.0951, 57.2725

Rectangle

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



40.1129, 36.0951, 39.9748



38.1614, 36.0951, 28.7656



29.0908, 36.0951, 38.6357



30.7219, 36.0951, 52.1390

Sweetspot

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



40.1139, 36.0967, 39.9756



85.7221, 86.3771, 94.8071



39.7555, 35.5481, 56.3965



18.6423, 18.7107, 20.5491



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.



40.1139, 36.0967, 39.9756



67.8570, 58.4866, 64.6831



40.2815, 38.3448, 34.1343



10.1994, 10.1284, 11.1404



15.2026, 7.7708, 3.7130



0.6885, 0.3484, 0.3271

Inverse Universe

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



40.1139, 36.0967, 39.9756



67.8570, 58.4866, 64.6831



40.1466, 45.8600, 58.3662



10.1994, 10.1284, 11.1404



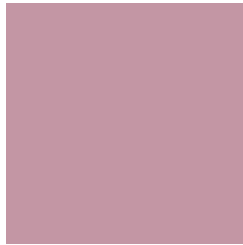
15.2026, 7.7708, 3.7130



0.6885, 0.3484, 0.3271

Previews

White Background



This preview shows how the XYZ color 40.1129, 36.0951, 39.9748 looks on a white background.

Color Contrast Check

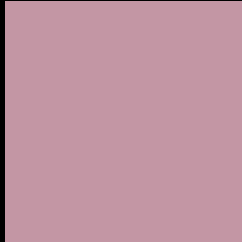
Large Text (above 18pt) WCAG AA × Fail

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 40.1129, 36.0951, 39.9748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

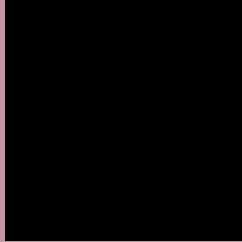
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1129, 36.0951, 39.9748

Background



This preview shows how black text looks on a background with the XYZ color 40.1129, 36.0951, 39.9748.



This preview shows how white text looks on a background with the XYZ color 40.1129, 36.0951,

39.9748.

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

40.1129, 36.0951, 39.9748

Protanopia

35.1998, 36.2165, 43.6633

Deuteranopia

37.0279, 36.2233, 39.6905



Tritanopia

39.9336, 36.0234, 39.0309

Trichromacy



Original Color

40.1129, 36.0951, 39.9748

Protanomaly

36.8041, 36.0551, 42.0653

Deuteranomaly

37.9336, 35.9459, 39.5893

Tritanomaly

40.0229, 36.0591, 39.5010

Monochromacy



Original Color

40.1129, 36.0951, 39.9748

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2668, 37.0883, 40.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1129, 36.0951, 39.9748 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 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(195, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.1129, 36.0951, 39.9748 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, 164) }
```


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

```
.border{ border-color:rgb(195, 150, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1129, 36.0951, 39.9748 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, 164) }
```

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

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