

Converting Colors

XYZ(40.8797, 40.1075, 36.4676)

Have a look what the booklet for
XYZ(40.8797, 40.1075, 36.4676)
contains.

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Color

**XYZ(40.9301, 40.1239,
36.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A49B
RGB	192, 164, 155
RGB Percent	75%, 64%, 61%
CMY	0.2471, 0.3568, 0.3922
CMYK	0.00, 0.15, 0.19, 0.25
HSL	15°, 23%, 68%
HSV	15°, 19%, 75%
XYZ	40.9301, 40.1239, 36.5978
YIQ	171.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

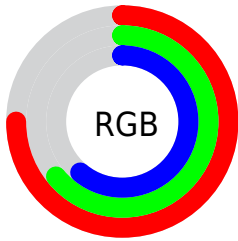
Format	Color
RYB	192, 167, 155
Decimal	12625051
CIELab	69.56, 8.79, 8.46
CIElCh	70, 12.199, 43.879
Yxy	40.1239, 0.3479, 0.3410
Android (android.graphics.Color)	4290815131 (0xFFC0A49B)
YUV	171.3460, -8.0586, 18.1136
Hunter-Lab	63.3434, 4.4889, 10.0845

Details

The XYZ color **40.9301, 40.1239, 36.5978** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9653, 44.6404, 56.3797**, and the grayscale version is **38.9159, 40.9425, 44.5864**.

A 20% lighter version of the original color is **75.9071, 75.4062, 70.8757**, and **18.7741, 17.9911, 15.5798** is the 20% darker color. If you saturate the color by 10%, you get **36.9912, 34.6245, 27.9521**, and if you desaturate by 10%, it is **45.4246, 46.3236, 46.6946**.

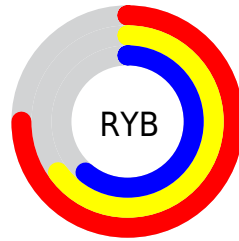
Distribution



Red (75%)

Green (64%)

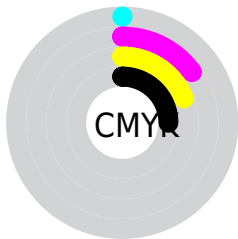
Blue (61%)



Red (75%)

Yellow (65%)

Blue (61%)

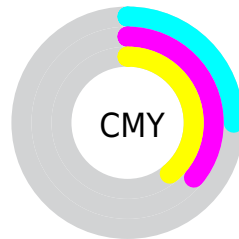


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9301, 40.1239, 36.5978 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 40.9301, 40.1239, 36.5978 by changing the saturation by 10% instead.


 40.9301, 40.1239,
36.5978


 40.9301, 40.1239,
36.5978


341.0960,
346.6455, 346.6820

 28.4519, 27.6352,
24.6029

 75.8531, 75.3521,
71.1332

 18.8088, 18.0508,
15.5651

 99.0287, 98.8604,
94.5107

 11.6354, 10.9865,
9.0659


126.5008,
126.8107, 122.5195

 6.5663, 6.0577,
4.6868

158.6347,
159.5874, 155.5782

 3.2363, 2.8802,
2.0092

195.7958,
197.5748, 194.1053

 1.2799, 1.0695,
0.5609

238.3495,

 0.1681, 0.0000,

241.1573, 238.5192

0.0000

286.6611,
290.7194, 289.2386

■ 0.0000, 0.0000,
0.0000

■ 40.9301, 40.1239,
36.5978

■ 40.9301, 40.1239,
36.5978

■ 36.9912, 34.6245,
27.9521

■ 45.4246, 46.3236,
46.6946

■ 33.5827, 29.7951,
20.6880

■ 50.4923, 53.2415,
58.3026

■ 30.6820, 25.6114,
14.7339

■ 56.1538, 60.9018,
71.4815

■ 28.2637, 22.0454,
10.0111

■ 62.4280, 69.3260,
86.2872

■ 26.3002, 19.0670,
6.4319

■ 69.3327, 78.5345,
102.7726

■ 24.7605, 16.6433,
3.8972

■ 74.3396, 87.5288,
107.5844

■ 23.6095, 14.7381,
2.2906

■ 75.5484, 89.9466,
107.9873

■ 22.7941, 13.3056,
1.4071

■ 22.7438, 13.2173,
1.3525

Harmonies

Analogous

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



41.9299, 40.1239, 41.1395



40.9301, 40.1239, 36.5978



39.1971, 40.1239, 34.0809

Triad

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



40.9301, 40.1239, 36.5978



34.6151, 40.1239, 40.7470



39.0516, 40.1239, 55.0779

Complementary

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



40.9301, 40.1239, 36.5978



39.9653, 44.6404, 56.3797

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.



37.0953, 40.1239, 54.9498



40.9301, 40.1239, 36.5978



34.5792, 40.1239, 46.3399

Square

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



40.9301, 40.1239, 36.5978



35.5730, 40.1239, 36.3319



35.4731, 40.1239, 51.6397



40.8204, 40.1239, 51.9758

Rectangle

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



40.9301, 40.1239, 36.5978



37.8811, 40.1239, 33.7418



35.4731, 40.1239, 51.6397



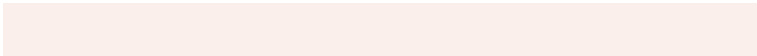
38.3931, 40.1239, 55.4189

Sweetspot

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



40.9312, 40.1257, 36.5986



85.1066, 87.7708, 90.9819



42.0455, 38.0839, 50.1355



18.1320, 18.6571, 19.2306



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9312, 40.1257, 36.5986



71.1198, 68.4700, 59.5829



44.4104, 47.0841, 37.7584



10.2678, 10.4671, 10.5411



15.3560, 8.9978, 0.9274



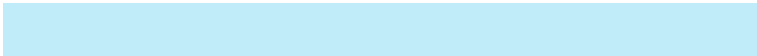
0.7196, 0.5009, 0.0588

Inverse Universe

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



39.9653, 44.6404, 56.3797



69.0558, 78.0989, 101.7953



36.4636, 37.6371, 55.2124



10.1542, 10.9997, 12.8728



13.3076, 16.3717, 36.0153



0.6260, 0.8095, 1.5731

Previews

White Background



This preview shows how the XYZ color 40.9301, 40.1239, 36.5978 looks on a white background.

Color Contrast Check

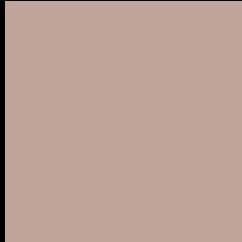
Large Text (above 18pt) WCAG AA × Fail

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 40.9301, 40.1239, 36.5978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

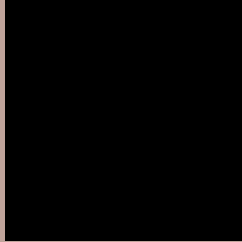
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9301, 40.1239, 36.5978

Background



This preview shows how black text looks on a background with the XYZ color 40.9301, 40.1239, 36.5978.



This preview shows how white text looks on a background with the XYZ color 40.9301, 40.1239,

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

40.9301, 40.1239, 36.5978

Protanopia

38.2640, 40.0747, 38.0662

Deuteranopia

40.9301, 40.1239, 36.5978



Tritanopia

42.6330, 40.0151, 45.5211

Trichromacy



Original Color

40.9301, 40.1239, 36.5978

Protanomaly

39.1959, 40.0168, 37.5565

Deuteranomaly

40.9301, 40.1239, 36.5978

Tritanomaly

41.8877, 39.9681, 42.0661

Monochromacy



Original Color

40.9301, 40.1239, 36.5978

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3846, 40.3056, 41.3013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9301, 40.1239, 36.5978 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(192, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 155)  
}
```

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(192, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.9301, 40.1239, 36.5978 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(192, 164, 155) }
```


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

```
.border{ border-color:rgb(192, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9301, 40.1239, 36.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 155) }
```

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

```
.background{ background-color: rgb(192,  
164, 155) }
```

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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