

Converting Colors

XYZ(40.4043, 39.6204, 35.6552)

Have a look what the booklet for
XYZ(40.4043, 39.6204, 35.6552)
contains.

XYZ(40.3328, 39.5707, 35.6491)	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(40.3328, 39.5707,
35.6491)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA399
RGB	191, 163, 153
RGB Percent	75%, 64%, 60%
CMY	0.2510, 0.3608, 0.4000
CMYK	0.00, 0.15, 0.20, 0.25
HSL	16°, 23%, 67%
HSV	16°, 20%, 75%
XYZ	40.3328, 39.5707, 35.6491
YIQ	170.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

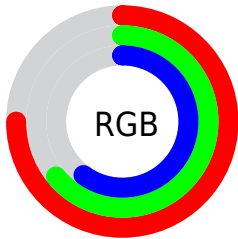
Format	Color
RYB	191, 167, 153
Decimal	12559257
CIELab	69.16, 8.65, 8.99
CIELCh	69, 12.473, 46.093
Yxy	39.5707, 0.3490, 0.3424
Android (android.graphics.Color)	4290749337 (0xFFBFA399)
YUV	170.2320, -8.4954, 18.2135
Hunter-Lab	62.9052, 4.3642, 10.4334

Details

The XYZ color **40.3328, 39.5707, 35.6491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0643, 43.5804, 55.6433**, and the grayscale version is **38.3592, 40.3569, 43.9486**.

A 20% lighter version of the original color is **75.0453, 74.6043, 69.4762**, and **18.3992, 17.6466, 15.0068** is the 20% darker color. If you saturate the color by 10%, you get **36.5190, 34.2686, 27.2079**, and if you desaturate by 10%, it is **44.6793, 45.5334, 45.5147**.

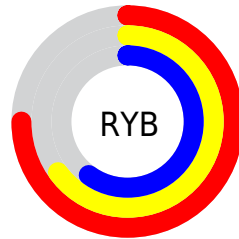
Distribution



Red (75%)

Green (64%)

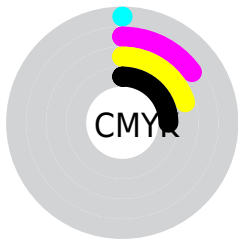
Blue (60%)



Red (75%)

Yellow (65%)

Blue (60%)

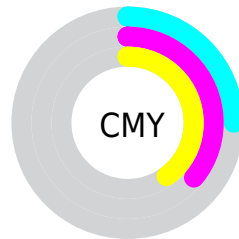


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3328, 39.5707, 35.6491 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 40.3328, 39.5707, 35.6491 by changing the saturation by 10% instead.


 40.3328, 39.5707,
35.6491


 40.3328, 39.5707,
35.6491


338.6347,
344.3108, 342.4151

 27.9835, 27.2040,
23.8758


 74.9511, 74.5093,
69.6531

 18.4536, 17.7265,
15.0301


 97.9509, 97.8501,
92.7208

 11.3778, 10.7538,
8.6937


125.2315,
125.6176, 120.3903

 6.3907, 5.9015,
4.4479

157.1583,
158.1963, 153.0803

 3.1270, 2.7853,
1.8741

194.0967,
195.9706, 191.2092

 1.2213, 1.0207,
0.4762

236.4119,

 0.1231, 0.0000,

239.3248, 235.1956

0.0000

284.4695,
288.6434, 285.4581

■ 0.0000, 0.0000,
0.0000

■ 40.3328, 39.5707,
35.6491

■ 40.3328, 39.5707,
35.6491

■ 36.5190, 34.2686,
27.2079

■ 44.6793, 45.5334,
45.5147

■ 33.2137, 29.5990,
20.1223

■ 49.5752, 52.1732,
56.8639

■ 30.3954, 25.5392,
14.3218

■ 55.0404, 59.5126,
69.7559

■ 28.0398, 22.0633,
9.7283

■ 61.0926, 67.5714,
84.2455

■ 26.1204, 19.1436,
6.2551

■ 67.7490, 76.3687,
100.3852

■ 24.6077, 16.7498,
3.8039

■ 72.9299, 85.0844,
107.1869

■ 23.4680, 14.8482,
2.2588

■ 75.2959, 89.8164,
107.9755

■ 22.6462, 13.3951,
1.3977

■ 22.6387, 13.3819,
1.3898

Harmonies

Analogous

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



41.4161, 39.5707, 40.1132



40.3328, 39.5707, 35.6491



38.5398, 39.5707, 33.2820

Triad

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



40.3328, 39.5707, 35.6491



34.0105, 39.5707, 40.5001



38.6836, 39.5707, 54.5205

Complementary

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



40.3328, 39.5707, 35.6491



39.0643, 43.5804, 55.6433

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.



36.6967, 39.5707, 54.6473



40.3328, 39.5707, 35.6491



34.0459, 39.5707, 46.2017

Square

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



40.3328, 39.5707, 35.6491



34.9156, 39.5707, 35.9107



35.0140, 39.5707, 51.4908



40.4412, 39.5707, 51.1580

Rectangle

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



40.3328, 39.5707, 35.6491



37.2053, 39.5707, 33.0637



35.0140, 39.5707, 51.4908



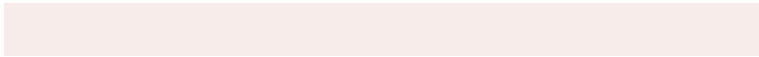
38.0192, 39.5707, 54.9524

Sweetspot

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



40.3339, 39.5725, 35.6499



83.2346, 85.9238, 88.9216



41.2693, 37.2160, 48.9941



18.1526, 18.6983, 19.2375



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.



40.3339, 39.5725, 35.6499



69.0582, 66.4707, 56.7594



43.8616, 46.6280, 36.8259



9.7290, 9.9339, 9.9813



14.9348, 8.9085, 0.9324



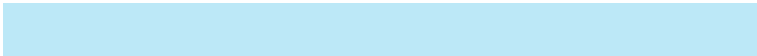
0.6405, 0.4600, 0.0550

Inverse Universe

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



39.0643, 43.5804, 55.6433



66.3565, 74.9833, 99.2550



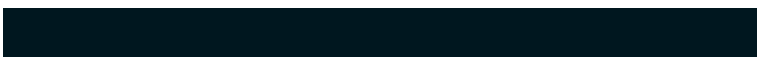
35.5499, 36.5515, 54.4719



9.5903, 10.3729, 12.1689



12.4808, 15.0734, 34.6445



0.5395, 0.6917, 1.3739

Previews

White Background



This preview shows how the XYZ color 40.3328, 39.5707, 35.6491 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 40.3328, 39.5707, 35.6491 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 40.3328, 39.5707, 35.6491

Background



This preview shows how black text looks on a background with the XYZ color 40.3328, 39.5707, 35.6491.



This preview shows how white text looks on a background with the XYZ color 40.3328, 39.5707,

35.6491.

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

40.3328, 39.5707, 35.6491

Protanopia

37.6826, 39.5195, 37.0944

Deuteranopia

40.3328, 39.5707, 35.6491



Tritanopia

42.1060, 39.4962, 44.9395

Trichromacy



Original Color

40.3328, 39.5707, 35.6491

Protanomaly

38.6087, 39.4628, 36.5925

Deuteranomaly

40.3328, 39.5707, 35.6491

Tritanomaly

41.3660, 39.4494, 41.5107

Monochromacy



Original Color

40.3328, 39.5707, 35.6491

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8797, 39.7827, 40.7516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3328, 39.5707, 35.6491 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(191, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 153)  
}
```

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(191, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.3328, 39.5707, 35.6491 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(191, 163, 153) }
```


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

```
.border{ border-color:rgb(191, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 163, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 163, 153); box-shadow:4px 4px 4px 4px rgb(191, 163, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3328, 39.5707, 35.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 153) }
```

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

```
.background{ background-color: rgb(191,  
163, 153) }
```

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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