

Converting Colors

XYZ(40.8638, 39.3166, 59.4692)

Have a look what the booklet for
XYZ(40.8638, 39.3166, 59.4692)
contains.

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Color

**XYZ(40.8616, 39.3166,
59.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3C7
RGB	174, 163, 199
RGB Percent	68%, 64%, 78%
CMY	0.3176, 0.3608, 0.2196
CMYK	0.13, 0.18, 0.00, 0.22
HSL	258°, 24%, 71%
HSV	258°, 18%, 78%
XYZ	40.8616, 39.3166, 59.4681
YIQ	170.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

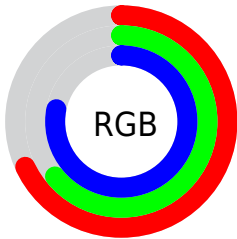
Format	Color
RYB	174, 163, 199
Decimal	11445191
CIELab	68.98, 11.07, -16.97
CIELCh	69, 20.259, 303.131
Yxy	39.3166, 0.2926, 0.2815
Android (android.graphics.Color)	4289635271 (0xFFAEA3C7)
YUV	170.3930, 14.1033, 3.1633
Hunter-Lab	62.7030, 6.5928, -12.3392

Details

The XYZ color **40.8616, 39.3166, 59.4681** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7747, 54.1836, 42.5927**, and the grayscale version is **38.3392, 40.3358, 43.9257**.

A 20% lighter version of the original color is **75.7545, 74.1858, 104.9343**, and **18.6804, 17.4782, 29.1771** is the 20% darker color. If you saturate the color by 10%, you get **34.6806, 31.2920, 58.2456**, and if you desaturate by 10%, it is **47.9179, 48.6197, 60.8925**.

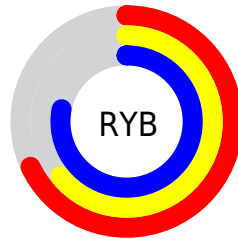
Distribution



Red (68%)

Green (64%)

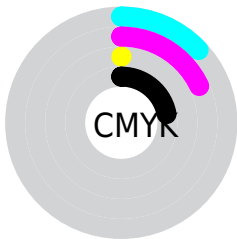
Blue (78%)



Red (68%)

Yellow (64%)

Blue (78%)

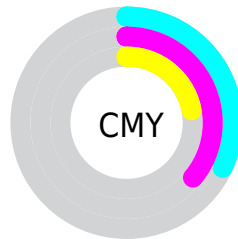


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8616, 39.3166, 59.4681 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 40.8616, 39.3166, 59.4681 by changing the saturation by 10% instead.

■ 40.8616, 39.3166,
59.4681

■ 40.8616, 39.3166,
59.4681

340.8143,
343.2347, 440.3845

■ 28.3982, 27.0061,
42.5676

■ 75.7498, 74.1217,
105.5935

■ 18.7680, 17.5778,
29.2171

■ 98.9052, 97.3852,
135.6554

■ 11.6058, 10.6473,
18.9981

126.3554,
125.0683, 170.9416

■ 6.5461, 5.8302,
11.4921

158.4656,
157.5557, 211.8705

■ 3.2237, 2.7421,
6.2805

195.6013,
195.2316, 258.8607

■ 1.2731, 0.9986,
2.9449

238.1277,

■ 0.1630, 0.0000,

238.4805, 312.3308

1.0666

286.4103,
287.6867, 372.6992

■ 0.0000, 0.0000,
0.0000

■ 40.8616, 39.3166,
59.4681

■ 40.8616, 39.3166,
59.4681

■ 34.6806, 31.2920,
58.2456

■ 47.9179, 48.6197,
60.8925

■ 29.3357, 24.4843,
57.2133

■ 55.8790, 59.2497,
62.5247

■ 24.7901, 18.8339,
56.3622

■ 64.7779, 71.2582,
64.3735

■ 21.0027, 14.2743,
55.6817

■ 74.6445, 84.6927,
66.4466

■ 17.9286, 10.7319,
55.1600

■ 83.0665, 94.7165,
67.9375

■ 15.5173, 8.1238,
54.7837

■ 87.3089, 96.9036,
68.1361

■ 13.7112, 6.3533,
54.5372

■ 12.4284, 5.2775,
54.3971

■ 12.2211, 5.1093,
54.3756

Harmonies

Analogous

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



37.7089, 39.3166, 63.1009



40.8616, 39.3166, 59.4681



43.1777, 39.3166, 51.3467

Triad

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



40.8616, 39.3166, 59.4681



40.2422, 39.3166, 28.8420



31.5137, 39.3166, 43.7863

Complementary

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



40.8616, 39.3166, 59.4681



47.7747, 54.1836, 42.5927

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.



32.1066, 39.3166, 35.2746



40.8616, 39.3166, 59.4681



37.0316, 39.3166, 27.4133

Square

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



40.8616, 39.3166, 59.4681



42.8059, 39.3166, 33.8186



34.0818, 39.3166, 29.5939



32.4136, 39.3166, 53.2665

Rectangle

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



40.8616, 39.3166, 59.4681



43.8694, 39.3166, 44.9683



34.0818, 39.3166, 29.5939



31.5451, 39.3166, 40.7202

Sweetspot

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



40.8628, 39.3182, 59.4690



87.9337, 90.4923, 107.4399



43.4404, 47.9633, 61.0018



18.6145, 19.0935, 22.9543



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.



40.8628, 39.3182, 59.4690



66.7811, 62.6259, 103.1760



45.0949, 41.4999, 59.6670



10.3564, 10.4420, 13.3872



7.9374, 3.3261, 34.9680



0.4507, 0.1961, 1.6592

Inverse Universe

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



45.7288, 41.9690, 53.2693



77.0525, 68.2257, 89.8889



43.6564, 52.0606, 42.3999



10.9398, 10.7593, 12.6661



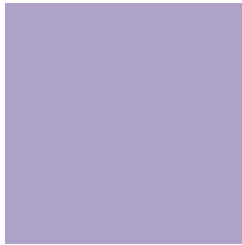
18.1450, 9.0075, 16.5051



0.8904, 0.4390, 0.9458

Previews

White Background



This preview shows how the XYZ color 40.8616, 39.3166, 59.4681 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 40.8616, 39.3166, 59.4681 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 40.8616, 39.3166, 59.4681

Background



This preview shows how black text looks on a background with the XYZ color 40.8616, 39.3166, 59.4681.



This preview shows how white text looks on a background with the XYZ color 40.8616, 39.3166,

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

40.8616, 39.3166, 59.4681

Protanopia

39.1773, 39.4788, 61.4324

Deuteranopia

40.1618, 39.2205, 59.4864



Tritanopia

38.6690, 39.2257, 48.7132

Trichromacy



Original Color

40.8616, 39.3166, 59.4681

Protanomaly

39.9047, 39.5965, 60.7980

Deuteranomaly

40.3788, 39.3324, 59.4965

Tritanomaly

39.4380, 39.2688, 52.5147

Monochromacy



Original Color

40.8616, 39.3166, 59.4681

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.9538, 39.6316, 49.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8616, 39.3166, 59.4681 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(174, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 199)  
}
```

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(174, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.8616, 39.3166, 59.4681 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(174, 163, 199) }
```


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

```
.border{ border-color:rgb(174, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8616, 39.3166, 59.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 199) }
```

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

```
.background{ background-color: rgb(174,  
163, 199) }
```

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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