

Converting Colors

XYZ(36.1680, 34.8860, 40.8000)

Have a look what the booklet for
XYZ(36.1680, 34.8860, 40.8000)
contains.

XYZ(36.3430, 35.0945, 40.9348)	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(36.3430, 35.0945,
40.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	B09AA6
RGB	176, 154, 166
RGB Percent	69%, 60%, 65%
CMY	0.3098, 0.3961, 0.3490
CMYK	0.00, 0.12, 0.06, 0.31
HSL	327°, 12%, 65%
HSV	327°, 12%, 69%
XYZ	36.3430, 35.0945, 40.9348
YIQ	161.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

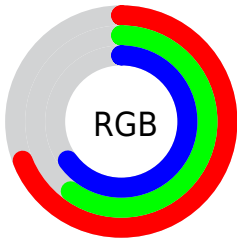
Format	Color
RYB	176, 154, 166
Decimal	11573926
CIELab	65.82, 10.23, -3.27
CIELCh	66, 10.738, 342.247
Yxy	35.0945, 0.3234, 0.3123
Android (android.graphics.Color)	4289764006 (0xFFB09AA6)
YUV	161.9460, 1.9986, 12.3254
Hunter-Lab	59.2406, 5.8353, 0.4995

Details

The XYZ color **36.3430, 35.0945, 40.9348** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5539, 40.6019, 41.0869**, and the grayscale version is **34.3061, 36.0927, 39.3050**.

A 20% lighter version of the original color is **68.8857, 67.4880, 77.8024**, and **16.0559, 15.1264, 17.9930** is the 20% darker color. If you saturate the color by 10%, you get **32.9374, 29.4212, 36.2906**, and if you desaturate by 10%, it is **40.2222, 41.6410, 45.9631**.

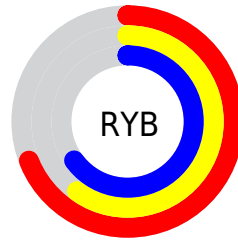
Distribution



Red (69%)

Green (60%)

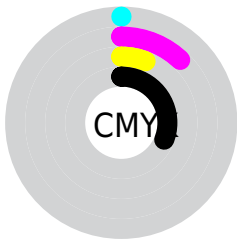
Blue (65%)



Red (69%)

Yellow (60%)

Blue (65%)

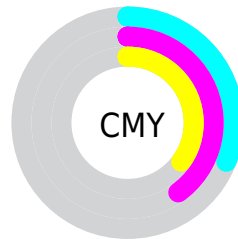


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3430, 35.0945, 40.9348 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 36.3430, 35.0945, 40.9348 by changing the saturation by 10% instead.


 36.3430, 35.0945,
40.9348

 36.3430, 35.0945,
40.9348


321.8624,
324.9853, 365.7166

 24.8706, 23.7357,
27.9488


 68.8816, 67.6321,
77.8375

 16.1089, 15.1377,
18.0484


 90.6784, 89.5797,
102.5913

 9.6926, 8.9161,
10.8149


116.6474,
115.8257, 132.1048

 5.2563, 4.6865,
5.8299

147.1539,
146.7545, 166.7965

 2.4347, 2.0645,
2.6748

182.5633,
182.7504, 207.0851

 0.8624, 0.6446,
0.9307

223.2410,

 0.0000, 0.0000,

224.1980, 253.3889

0.0000

269.5522,
271.4814, 306.1265

■ 36.3430, 35.0945,
40.9348

■ 36.3430, 35.0945,
40.9348

■ 32.9374, 29.4212,
36.2906

■ 40.2222, 41.6410,
45.9631

■ 29.9831, 24.5793,
32.0176

■ 44.5901, 49.0910,
51.3831

■ 27.4605, 20.5302,
28.1056

■ 49.4649, 57.4791,
57.2052

■ 25.3472, 17.2307,
24.5429

■ 54.8629, 66.8367,
63.4386

■ 23.6187, 14.6333,
21.3168

■ 60.7996, 77.1938,
70.0922

■ 22.2479, 12.6852,
18.4136

■ 65.8033, 85.6056,
76.6789

■ 21.2036, 11.3256,
15.8184

■ 66.8507, 86.0246,
82.1945

■ 20.4491, 10.4824,
13.5138

■ 67.9490, 86.4639,
87.9782

■ 20.0155, 10.0745,
11.9534

■ 69.0989, 86.9239,
94.0336

Harmonies

Analogous

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



35.4470, 35.0945, 45.0421



36.3430, 35.0945, 40.9348



36.4233, 35.0945, 36.3906

Triad

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



36.3430, 35.0945, 40.9348



32.7141, 35.0945, 30.3032



31.1513, 35.0945, 44.3841

Complementary

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



36.3430, 35.0945, 40.9348



35.5539, 40.6019, 41.0869

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.



30.4665, 35.0945, 40.0931



36.3430, 35.0945, 40.9348



31.3494, 35.0945, 32.1097

Square

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



36.3430, 35.0945, 40.9348



34.2939, 35.0945, 30.4894



30.5378, 35.0945, 35.6126



32.4359, 35.0945, 47.1394

Rectangle

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



36.3430, 35.0945, 40.9348



36.0001, 35.0945, 33.7425



30.5378, 35.0945, 35.6126



30.8452, 35.0945, 43.0596

Sweetspot

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



36.3440, 35.0960, 40.9356



71.7854, 73.5490, 81.8809



34.6826, 34.1294, 45.8343



15.4399, 15.7409, 17.5951



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.3440, 35.0960, 40.9356



64.1233, 60.6516, 71.8453



35.3861, 34.7129, 35.8914



8.6837, 8.5802, 9.8330



14.7154, 7.4037, 8.9275



0.4920, 0.2445, 0.4335

Inverse Universe

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



36.3440, 35.0960, 40.9356



64.1233, 60.6516, 71.8453



36.5809, 41.0127, 46.4947



8.6837, 8.5802, 9.8330



14.7154, 7.4037, 8.9275



0.4920, 0.2445, 0.4335

Previews

White Background



This preview shows how the XYZ color 36.3430, 35.0945, 40.9348 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 36.3430, 35.0945, 40.9348 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 36.3430, 35.0945, 40.9348

Background



This preview shows how black text looks on a background with the XYZ color 36.3430, 35.0945, 40.9348.



This preview shows how white text looks on a background with the XYZ color 36.3430, 35.0945,

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

36.3430, 35.0945, 40.9348

Protanopia

34.0568, 35.1344, 42.5228

Deuteranopia

35.8379, 35.0801, 40.9587



Tritanopia

36.3430, 35.0945, 40.9348

Trichromacy



Original Color

36.3430, 35.0945, 40.9348

Protanomaly

34.8507, 35.0481, 41.9739

Deuteranomaly

36.0598, 35.1945, 40.9691

Tritanomaly

36.3430, 35.0945, 40.9348

Monochromacy



Original Color

36.3430, 35.0945, 40.9348

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9453, 35.6561, 39.6908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3430, 35.0945, 40.9348 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(176, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 166)  
}
```

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(176, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.3430, 35.0945, 40.9348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

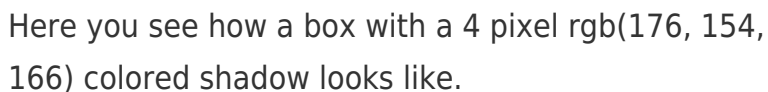
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 154, 166) }
```


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

```
.border{ border-color:rgb(176, 154, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 154, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 154, 166); box-shadow:4px 4px 4px 4px rgb(176, 154, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3430, 35.0945, 40.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 166) }
```

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

```
.background{ background-color: rgb(176,  
154, 166) }
```

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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