

Converting Colors

XYZ(34.0442, 34.6536, 40.9709)

Have a look what the booklet for
XYZ(34.0442, 34.6536, 40.9709)
contains.

XYZ(34.0442, 34.6536, 40.9709)	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(34.0442, 34.6536,
40.9709)**

Conversions

Conversions Part 1

Format	Color
Hex	A39DA6
RGB	163, 157, 166
RGB Percent	64%, 62%, 65%
CMY	0.3608, 0.3843, 0.3490
CMYK	0.02, 0.05, 0.00, 0.35
HSL	280°, 5%, 63%
HSV	280°, 5%, 65%
XYZ	34.0442, 34.6536, 40.9709
YIQ	159.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

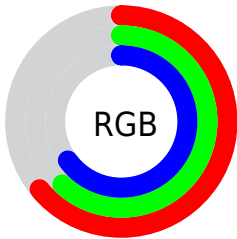
Format	Color
RYB	163, 157, 166
Decimal	10722726
CIELab	65.48, 3.89, -3.91
CIELCh	65, 5.516, 314.863
Yxy	34.6536, 0.3104, 0.3160
Android (android.graphics.Color)	4288912806 (0xFFA39DA6)
YUV	159.8200, 3.0467, 2.7889
Hunter-Lab	58.8673, 0.2125, -0.0580

Details

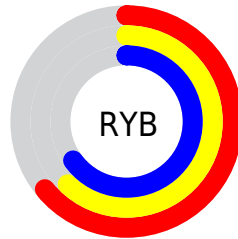
The XYZ color **34.0442, 34.6536, 40.9709** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2204, 37.1812, 37.2730**, and the grayscale version is **33.3177, 35.0529, 38.1726**.

A 20% lighter version of the original color is **65.5081, 67.2129, 77.9273**, and **14.7468, 14.9025, 18.0188** is the 20% darker color. If you saturate the color by 10%, you get **30.3162, 28.8427, 40.0463**, and if you desaturate by 10%, it is **38.2054, 41.2562, 42.0265**.

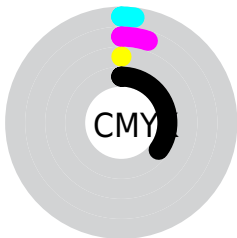
Distribution



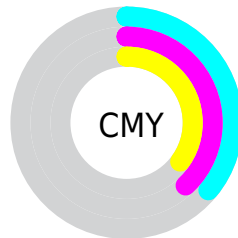
- Red (64%)
- Green (62%)
- Blue (65%)



- Red (64%)
- Yellow (62%)
- Blue (65%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0442, 34.6536, 40.9709 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 34.0442, 34.6536, 40.9709 by changing the saturation by 10% instead.

■ 34.0442, 34.6536,
40.9709

■ 34.0442, 34.6536,
40.9709

311.9115,
323.0367, 365.8720

■ 23.0906, 23.3962,
27.9768

■ 65.3462, 66.9488,
77.8929

■ 14.7815, 14.8863,
18.0693

■ 86.4254, 88.7553,
102.6579

■ 8.7515, 8.7396,
10.8298

111.6104,
114.8470, 132.1836

■ 4.6353, 4.5717,
5.8398

141.2667,
145.6083, 166.8886

■ 2.0674, 1.9983,
2.6807

175.7596,
181.4235, 207.1914

■ 0.6714, 0.6065,
0.9337

215.4545,

■ 0.0000, 0.0000,

222.6770, 253.5106

0.0000

260.7167,
269.7533, 306.2646

■ 34.0442, 34.6536,
40.9709

■ 34.0442, 34.6536,
40.9709

■ 30.3162, 28.8427,
40.0463

■ 38.2054, 41.2562,
42.0265

■ 27.0025, 23.7883,
39.2453

■ 42.8118, 48.6752,
43.2158

■ 24.0871, 19.4587,
38.5633

■ 47.8787, 56.9398,
44.5439

■ 21.5519, 15.8186,
37.9943

■ 53.4197, 66.0762,
46.0154

■ 19.3770, 12.8296,
37.5320

■ 59.4479, 76.1098,
47.6344

■ 17.5409, 10.4492,
37.1693

■ 65.4617, 86.0367,
49.2335

■ 16.0194, 8.6302,
36.8984

■ 66.9300, 86.7936,
49.3022

■ 14.7844, 7.3176,
36.7101

■ 68.4520, 87.5782,
49.3734

■ 13.8006, 6.4419,
36.5930

■ 70.0281, 88.3908,
49.4472

Harmonies

Analogous

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



33.3369, 34.6536, 42.1932



34.0442, 34.6536, 40.9709



34.4582, 34.6536, 38.9045

Triad

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



34.0442, 34.6536, 40.9709



33.3442, 34.6536, 33.6018



31.4598, 34.6536, 38.8835

Complementary

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



34.0442, 34.6536, 40.9709



34.2204, 37.1812, 37.2730

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.



31.4616, 34.6536, 36.5830



34.0442, 34.6536, 40.9709



32.5407, 34.6536, 33.5967

Square

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



34.0442, 34.6536, 40.9709



34.0496, 34.6536, 34.6825



31.8545, 34.6536, 34.6682



31.8493, 34.6536, 40.9550

Rectangle

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



34.0442, 34.6536, 40.9709



34.5080, 34.6536, 37.3563



31.8545, 34.6536, 34.6682



31.4148, 34.6536, 38.1099

Sweetspot

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



34.0452, 34.6551, 40.9717



64.2532, 66.7847, 74.9795



33.3857, 35.1163, 41.0954



14.3976, 14.9752, 16.7838



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.0452, 34.6551, 40.9717



60.5760, 60.9911, 74.0550



34.5436, 34.9262, 40.3520



7.7608, 7.7985, 9.5146



10.4386, 4.7647, 28.3450



0.3048, 0.1421, 0.6920

Inverse Universe

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



34.1292, 34.7605, 38.1698



60.7805, 61.2437, 67.4160



33.7438, 36.9221, 37.8556



7.7883, 7.8324, 8.6255



12.7555, 6.5109, 3.5242



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 34.0442, 34.6536, 40.9709 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 34.0442, 34.6536, 40.9709 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 34.0442, 34.6536, 40.9709

Background



This preview shows how black text looks on a background with the XYZ color 34.0442, 34.6536, 40.9709.



This preview shows how white text looks on a background with the XYZ color 34.0442, 34.6536,

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

34.0442, 34.6536, 40.9709

Protanopia

33.6991, 34.7173, 41.4842

Deuteranopia

35.3252, 34.5591, 41.3680



Tritanopia

34.3227, 34.7650, 42.4374

Trichromacy



Original Color

34.0442, 34.6536, 40.9709

Protanomaly

33.8999, 34.8208, 41.4936

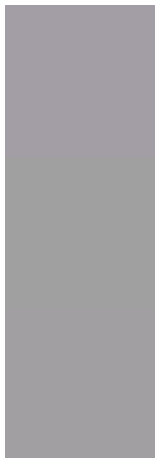
Deuteranomaly

34.8448, 34.5575, 41.3930

Tritanomaly

34.2291, 34.7276, 41.9448

Monochromacy



Original Color

34.0442, 34.6536, 40.9709

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6177, 34.9820, 39.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0442, 34.6536, 40.9709 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(163, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 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(163, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.0442, 34.6536, 40.9709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

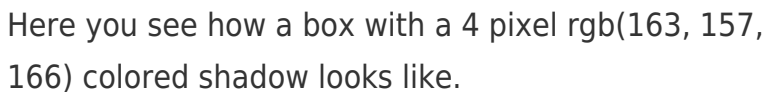
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 157, 166) }
```


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

```
.border{ border-color:rgb(163, 157, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 157, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 157, 166); box-shadow:4px 4px 4px 4px rgb(163, 157, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0442, 34.6536, 40.9709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 166) }
```

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

```
.background{ background-color: rgb(163,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor