

Converting Colors

XYZ(34.7245, 35.6408, 40.3980)

Have a look what the booklet for
XYZ(34.7245, 35.6408, 40.3980)
contains.

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Color

**XYZ(34.6160, 35.4759,
40.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	A59FA4
RGB	165, 159, 164
RGB Percent	65%, 62%, 64%
CMY	0.3529, 0.3765, 0.3569
CMYK	0.00, 0.04, 0.01, 0.35
HSL	310°, 3%, 64%
HSV	310°, 4%, 65%
XYZ	34.6160, 35.4759, 40.1450
YIQ	161.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

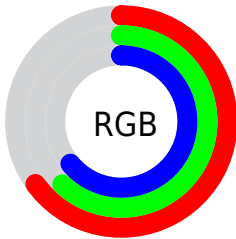
Format	Color
RYB	165, 159, 164
Decimal	10854308
CIELab	66.12, 3.11, -1.83
CIELCh	66, 3.611, 329.534
Yxy	35.4759, 0.3140, 0.3218
Android (android.graphics.Color)	4289044388 (0xFFA59FA4)
YUV	161.3640, 1.2995, 3.1888
Hunter-Lab	59.5616, -0.4924, 1.7312

Details

The XYZ color **34.6160, 35.4759, 40.1450** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0997, 36.8202, 38.5693**, and the grayscale version is **34.0399, 35.8126, 39.0000**.

A 20% lighter version of the original color is **66.3480, 68.4233, 76.7279**, and **15.0972, 15.4057, 17.5071** is the 20% darker color. If you saturate the color by 10%, you get **31.7205, 30.0777, 37.9675**, and if you desaturate by 10%, it is **37.8977, 41.6368, 42.4786**.

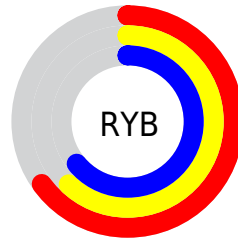
Distribution



Red (65%)

Green (62%)

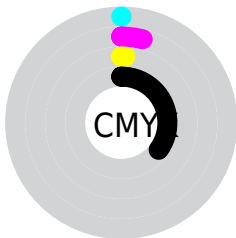
Blue (64%)



Red (65%)

Yellow (62%)

Blue (64%)

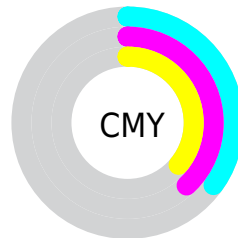


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6160, 35.4759, 40.1450 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 34.6160, 35.4759, 40.1450 by changing the saturation by 10% instead.

■ 34.6160, 35.4759,
40.1450

■ 34.6160, 35.4759,
40.1450

314.4079,
326.6640, 362.3046

■ 23.5324, 24.0297,
27.3370

■ 66.2284, 68.2224,
76.6238

■ 15.1099, 15.3557,
17.5918

■ 87.4879, 90.2914,
101.1316

■ 8.9834, 9.0694,
10.4909

112.8700,
116.6702, 130.3764

■ 4.7874, 4.7865,
5.6158

142.7402,
147.7431, 164.7768

■ 2.1565, 2.1225,
2.5479

177.4637,
183.8945, 204.7513

■ 0.7197, 0.6772,
0.8654

217.4059,

■ 0.0000, 0.0000,

225.5089, 250.7183

0.0000

262.9322,
272.9706, 303.0966

■ 34.6160, 35.4759,
40.1450

■ 34.6160, 35.4759,
40.1450

■ 31.7205, 30.0777,
37.9675

■ 37.8977, 41.6368,
42.4786

■ 29.1931, 25.4079,
35.9386

■ 41.5766, 48.5841,
44.9709

■ 27.0191, 21.4362,
34.0538

■ 45.6672, 56.3458,
47.6273

■ 25.1813, 18.1285,
32.3070

■ 50.1822, 64.9476,
50.4521

■ 23.6612, 15.4478,
30.6920

■ 55.1337, 74.4137,
53.4496

■ 22.4385, 13.3536,
29.2018

■ 59.5675, 82.8355,
56.3019

■ 21.4905, 11.8004,
27.8286

■ 59.8517, 82.9492,
57.7985

■ 20.7910, 10.7361,
26.5637

■ 60.1415, 83.0651,
59.3246

■ 20.3090, 10.0986,
25.3964

■ 60.4369, 83.1833,
60.8803

Harmonies

Analogous

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



34.2300, 35.4759, 41.2558



34.6160, 35.4759, 40.1450



34.7611, 35.4759, 38.6513

Triad

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



34.6160, 35.4759, 40.1450



33.7272, 35.4759, 35.7469



32.8290, 35.4759, 40.1023

Complementary

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



34.6160, 35.4759, 40.1450



34.0997, 36.8202, 38.5693

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.



32.6975, 35.4759, 38.6032



34.6160, 35.4759, 40.1450



33.2127, 35.4759, 36.1127

Square

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



34.6160, 35.4759, 40.1450



34.2447, 35.4759, 36.1357



32.8372, 35.4759, 37.1482



33.1983, 35.4759, 41.2307

Rectangle

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



34.6160, 35.4759, 40.1450



34.7006, 35.4759, 37.6475



32.8372, 35.4759, 37.1482



32.7556, 35.4759, 39.6238

Sweetspot

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



34.6170, 35.4774, 40.1458



63.4655, 66.2892, 72.9632



33.6883, 34.9882, 40.5757



13.8822, 14.5059, 15.9565



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.6170, 35.4774, 40.1458



61.7540, 63.0844, 71.7204



34.3494, 35.3704, 38.7363



7.6176, 7.7497, 8.8631



15.1969, 7.4348, 18.7596



0.3320, 0.1613, 0.4609

Inverse Universe

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



34.6170, 35.4774, 40.1458



61.7540, 63.0844, 71.7204



34.3652, 36.9264, 39.9675



7.6176, 7.7497, 8.8631



15.1969, 7.4348, 18.7596



0.3320, 0.1613, 0.4609

Previews

White Background



This preview shows how the XYZ color 34.6160, 35.4759, 40.1450 looks on a white background.

Color Contrast Check

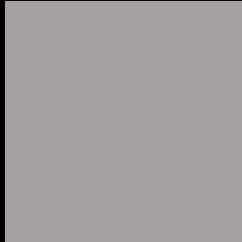
Large Text (above 18pt) WCAG AA × Fail

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 34.6160, 35.4759, 40.1450 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 34.6160, 35.4759, 40.1450

Background



This preview shows how black text looks on a background with the XYZ color 34.6160, 35.4759, 40.1450.



This preview shows how white text looks on a background with the XYZ color 34.6160, 35.4759,

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

34.6160, 35.4759, 40.1450

Protanopia

34.1719, 35.5033, 40.1737

Deuteranopia

36.1356, 35.4922, 40.5434



Tritanopia

35.2084, 35.4630, 43.0196

Trichromacy



Original Color

34.6160, 35.4759, 40.1450

Protanomaly

34.3759, 35.6085, 40.1833

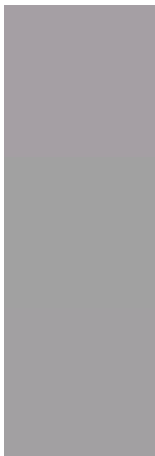
Deuteranomaly

35.6431, 35.4885, 40.5687

Tritanomaly

35.0206, 35.3879, 42.0305

Monochromacy



Original Color

34.6160, 35.4759, 40.1450

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9927, 35.4316, 39.2298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6160, 35.4759, 40.1450 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(165, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 164)  
}
```

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(165, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.6160, 35.4759, 40.1450 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(165, 159, 164) }
```


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

```
.border{ border-color:rgb(165, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6160, 35.4759, 40.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 164) }
```

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

```
.background{ background-color: rgb(165,  
159, 164) }
```

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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