

Converting Colors

XYZ(31.8049, 34.3896, 40.6659)

Have a look what the booklet for
XYZ(31.8049, 34.3896, 40.6659)
contains.

XYZ(31.7568, 34.2478, 40.5340)	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(31.7568, 34.2478,
40.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	95A0A5
RGB	149, 160, 165
RGB Percent	58%, 63%, 65%
CMY	0.4157, 0.3725, 0.3529
CMYK	0.10, 0.03, 0.00, 0.35
HSL	199°, 8%, 62%
HSV	199°, 10%, 65%
XYZ	31.7568, 34.2478, 40.5340
YIQ	157.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

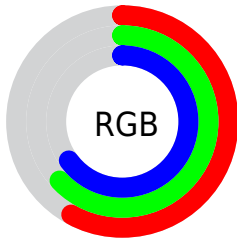
Format	Color
RYB	149, 156, 165
Decimal	9805989
CIELab	65.16, -2.87, -3.95
CIElCh	65, 4.879, 233.963
Yxy	34.2478, 0.2981, 0.3215
Android (android.graphics.Color)	4287996069 (0xFF95A0A5)
YUV	157.2810, 3.8055, -7.2624
Hunter-Lab	58.5216, -5.5497, -0.1011

Details

The XYZ color **31.7568, 34.2478, 40.5340** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4977, 33.2803, 33.1454**, and the grayscale version is **32.1612, 33.8361, 36.8475**.

A 20% lighter version of the original color is **61.8473, 66.4647, 77.2794**, and **13.4863, 14.7262, 17.7544** is the 20% darker color. If you saturate the color by 10%, you get **28.0823, 31.0554, 40.1120**, and if you desaturate by 10%, it is **35.8968, 37.7370, 40.9898**.

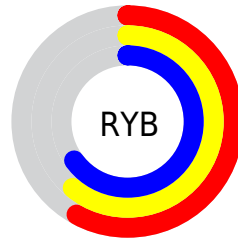
Distribution



Red (58%)

Green (63%)

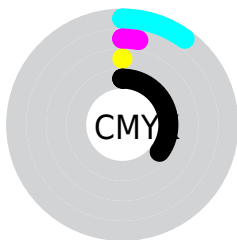
Blue (65%)



Red (58%)

Yellow (61%)

Blue (65%)

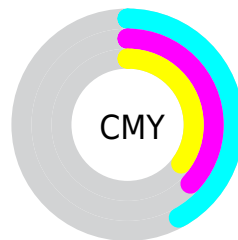


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7568, 34.2478, 40.5340 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 31.7568, 34.2478, 40.5340 by changing the saturation by 10% instead.

■ 31.7568, 34.2478,
40.5340

■ 31.7568, 34.2478,
40.5340

301.7749,
321.2356, 363.9880

■ 21.3305, 23.0840,
27.6382

■ 61.7974, 66.3188,
77.2219

■ 13.4796, 14.6556,
17.8164

■ 82.1424, 87.9949,
101.8512

■ 7.8389, 8.5780,
10.6502

106.5243,
113.9438, 131.2286

■ 4.0430, 4.4670,
5.7209

135.3084,
144.5500, 165.7728

■ 1.7265, 1.9381,
2.6101

168.8602,
180.1979, 205.9023

■ 0.4728, 0.5711,
0.8977

207.5450,

■ 0.0000, 0.0000,

221.2719, 252.0356

0.0000

251.7281,
268.1563, 304.5914

■ 31.7568, 34.2478,
40.5340

■ 31.7568, 34.2478,
40.5340

■ 28.0823, 31.0554,
40.1120

■ 35.8968, 37.7370,
40.9898

■ 24.8522, 28.1455,
39.7206

■ 40.5166, 41.5283,
41.4781

■ 22.0477, 25.5088,
39.3595

■ 45.6335, 45.6321,
42.0005

■ 19.6480, 23.1336,
39.0275

■ 51.2631, 50.0570,
42.5579

■ 17.6299, 21.0075,
38.7235

■ 57.4200, 54.8114,
43.1511

■ 15.9680, 19.1166,
38.4461

■ 64.1186, 59.9031,
43.7808

■ 14.6335, 17.4453,
38.1938

■ 67.7897, 63.4928,
44.2802

■ 13.5927, 15.9755,
37.9650

■ 68.9729, 65.8592,
44.6746

■ 12.7724, 14.6688,
37.7560

■ 70.1965, 68.3063,
45.0825

Harmonies

Analogous

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



31.3227, 34.2478, 38.8968



31.7568, 34.2478, 40.5340



32.4085, 34.2478, 41.3051

Triad

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



31.7568, 34.2478, 40.5340



33.9248, 34.2478, 37.7018



32.0015, 34.2478, 33.8380

Complementary

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



31.7568, 34.2478, 40.5340



32.4977, 33.2803, 33.1454

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.



32.6950, 34.2478, 33.5440



31.7568, 34.2478, 40.5340



33.8120, 34.2478, 35.7281

Square

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



31.7568, 34.2478, 40.5340



33.6653, 34.2478, 39.6322



33.3594, 34.2478, 34.2239



31.4625, 34.2478, 35.0420

Rectangle

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



31.7568, 34.2478, 40.5340



32.8813, 34.2478, 41.2049



33.3594, 34.2478, 34.2239



32.2240, 34.2478, 33.6313

Sweetspot

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



31.7578, 34.2492, 40.5348



61.7038, 65.4259, 73.1286



31.6663, 35.6268, 35.6929



13.3611, 14.1954, 15.9733



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.



31.7578, 34.2492, 40.5348



55.1372, 59.8449, 72.3975



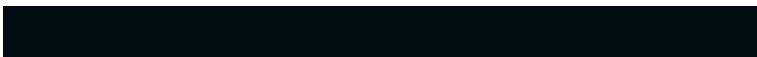
30.4473, 31.6283, 40.0979



7.0886, 7.6362, 9.0034



9.6902, 11.1599, 28.5731



0.2428, 0.3128, 0.6134

Inverse Universe

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



32.6105, 32.0331, 37.7236



57.0407, 54.9695, 66.1055



33.8275, 35.9401, 33.5887



7.2697, 7.1643, 8.4066



14.0367, 6.9707, 12.6495



0.3147, 0.1544, 0.3699

Previews

White Background



This preview shows how the XYZ color 31.7568, 34.2478, 40.5340 looks on a white background.

Color Contrast Check

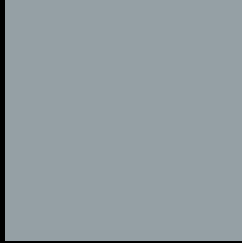
Large Text (above 18pt) WCAG AA × Fail

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 31.7568, 34.2478, 40.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

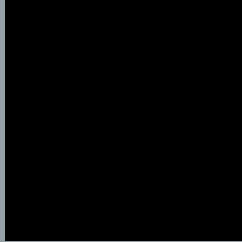
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

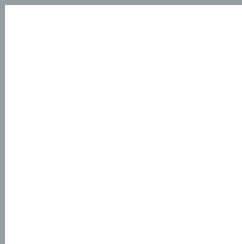
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7568, 34.2478, 40.5340

Background



This preview shows how black text looks on a background with the XYZ color 31.7568, 34.2478, 40.5340.



This preview shows how white text looks on a background with the XYZ color 31.7568, 34.2478,

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

31.7568, 34.2478, 40.5340

Protanopia

32.9659, 34.1292, 39.5004

Deuteranopia

34.6364, 33.9707, 40.8079



Tritanopia

32.4222, 34.2589, 43.9335

Trichromacy



Original Color

31.7568, 34.2478, 40.5340

Protanomaly

32.4453, 34.1026, 39.9944

Deuteranomaly

33.6717, 34.2115, 40.9052

Tritanomaly

32.1372, 34.1449, 42.4329

Monochromacy



Original Color

31.7568, 34.2478, 40.5340

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8984, 33.8618, 38.1125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7568, 34.2478, 40.5340 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(149, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 165)  
}
```

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(149, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.7568, 34.2478, 40.5340 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(149, 160, 165) }
```


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

```
.border{ border-color:rgb(149, 160, 165) }
```

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

Here you see how a box with a 4 pixel rgb(149, 160, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7568, 34.2478, 40.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 165) }
```

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

```
.background{ background-color: rgb(149,  
160, 165) }
```

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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