

Converting Colors

XYZ(34.0355, 33.4452, 63.4057)

Have a look what the booklet for
XYZ(34.0355, 33.4452, 63.4057)
contains.

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Color

**XYZ(34.1458, 33.4558,
63.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9ACF
RGB	143, 154, 207
RGB Percent	56%, 60%, 81%
CMY	0.4392, 0.3961, 0.1882
CMYK	0.31, 0.26, 0.00, 0.19
HSL	230°, 40%, 69%
HSV	230°, 31%, 81%
XYZ	34.1458, 33.4558, 63.6894
YIQ	156.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

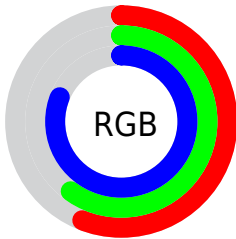
Format	Color
RYB	143, 152, 207
Decimal	9411279
CIELab	64.53, 8.34, -28.42
CIElCh	65, 29.619, 286.351
Yxy	33.4558, 0.2601, 0.2548
Android (android.graphics.Color)	4287601359 (0xFF8F9ACF)
YUV	156.7530, 24.7718, -12.0614
Hunter-Lab	57.8410, 4.1538, -24.7962

Details

The XYZ color **34.1458, 33.4558, 63.6894** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4308, 54.7292, 33.8937**, and the grayscale version is **31.8377, 33.4957, 36.4768**.

A 20% lighter version of the original color is **63.8946, 64.3375, 103.6585**, and **14.8321, 14.1916, 31.6633** is the 20% darker color. If you saturate the color by 10%, you get **28.2575, 26.5165, 62.6609**, and if you desaturate by 10%, it is **41.1016, 41.5467, 64.8851**.

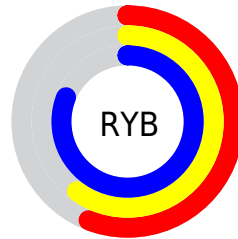
Distribution



Red (56%)

Green (60%)

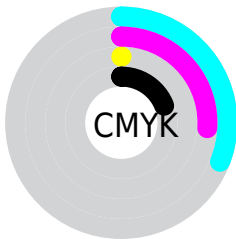
Blue (81%)



Red (56%)

Yellow (60%)

Blue (81%)

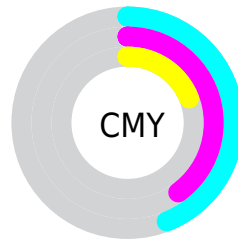


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (40%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1458, 33.4558, 63.6894 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 34.1458, 33.4558, 63.6894 by changing the saturation by 10% instead.

■ 34.1458, 33.4558,
63.6894

■ 34.1458, 33.4558,
63.6894

312.3562,
317.6986, 456.2438

■ 23.1690, 22.4758,
45.9546

■ 65.5031, 65.0865,
111.7587

■ 14.8398, 14.2070,
31.8616

■ 86.6144, 86.5060,
142.9302

■ 8.7926, 8.2648,
20.9918

111.8346,
112.1742, 179.4177

■ 4.6622, 4.2648,
12.9269

141.5290,
142.4754, 221.6397

■ 2.0831, 1.8228,
7.2481

176.0630,
177.7941, 270.0148

■ 0.6800, 0.5013,
3.5369

215.8020,

■ 0.0000, 0.0000,

218.5146, 324.9615

1.3749

261.1112,
265.0213, 386.8983

■ 0.0000, 0.0000,
0.1220

■ 0.0000, 0.0000,
0.0000

■ 34.1458, 33.4558,
63.6894

■ 34.1458, 33.4558,
63.6894

■ 28.2575, 26.5165,
62.6609

■ 41.1016, 41.5467,
64.8851

■ 23.3798, 20.6720,
61.7899

■ 49.1712, 50.8346,
66.2525

■ 19.4558, 15.8665,
61.0691

■ 58.4022, 61.3674,
67.7990

■ 16.4211, 12.0375,
60.4900

■ 68.8385, 73.1889,
69.5307

■ 14.2033, 9.1159,
60.0430

■ 80.5215, 86.3411,
71.4536

■ 12.7177, 7.0222,
59.7172

■ 88.2626, 97.2850,
73.1580

■ 11.8808, 5.7414,
59.5141

Harmonies

Analogous

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



29.9162, 33.4558, 64.1031



34.1458, 33.4558, 63.6894



38.0600, 33.4558, 55.0051

Triad

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



34.1458, 33.4558, 63.6894



37.7549, 33.4558, 22.0288



24.5262, 33.4558, 31.1986

Complementary

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



34.1458, 33.4558, 63.6894



50.4308, 54.7292, 33.8937

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.



26.2649, 33.4558, 22.5892



34.1458, 33.4558, 63.6894



33.7586, 33.4558, 18.1449

Square

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



34.1458, 33.4558, 63.6894



40.2668, 33.4558, 30.2510



29.5618, 33.4558, 18.3242



24.6098, 33.4558, 43.3926

Rectangle

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



34.1458, 33.4558, 63.6894



39.8533, 33.4558, 46.6025



29.5618, 33.4558, 18.3242



24.9098, 33.4558, 27.8534

Sweetspot

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



34.1469, 33.4571, 63.6902



81.3388, 84.3719, 106.6061



43.5220, 54.4183, 59.9987



16.9670, 17.5521, 22.7436



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.



34.1469, 33.4571, 63.6902



48.3733, 46.1523, 100.9665



36.2450, 31.9659, 63.2918



11.3256, 11.7414, 14.9131



7.5334, 3.7135, 37.5122



0.4729, 0.3109, 2.1147

Inverse Universe

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



41.3883, 35.2446, 35.1946



61.8463, 49.7966, 47.8772



47.6999, 57.1407, 34.5031



11.8905, 11.8409, 12.6991



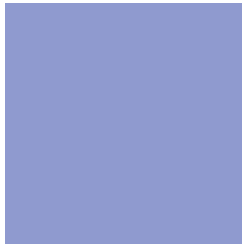
16.4333, 8.4461, 1.9218



0.9449, 0.4827, 0.2447

Previews

White Background



This preview shows how the XYZ color 34.1458, 33.4558, 63.6894 looks on a white background.

Color Contrast Check

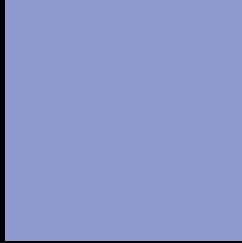
Large Text (above 18pt) WCAG AA × Fail

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 34.1458, 33.4558, 63.6894 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 34.1458, 33.4558, 63.6894

Background



This preview shows how black text looks on a background with the XYZ color 34.1458, 33.4558, 63.6894.



This preview shows how white text looks on a background with the XYZ color 34.1458, 33.4558,

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

34.1458, 33.4558, 63.6894

Protanopia

33.9734, 33.3670, 63.6814

Deuteranopia

34.3197, 33.5455, 63.6976



Tritanopia

30.2670, 33.3930, 44.3854

Trichromacy



Original Color

34.1458, 33.4558, 63.6894

Protanomaly

33.9734, 33.3670, 63.6814

Deuteranomaly

34.3197, 33.5455, 63.6976

Tritanomaly

31.6313, 33.4455, 50.6874

Monochromacy



Original Color

34.1458, 33.4558, 63.6894

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5752, 33.5475, 45.3159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1458, 33.4558, 63.6894 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(143, 154, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 207)  
}
```

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(143, 154, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 207) }
```

Border

The CSS property to change the border of an element to XYZ 34.1458, 33.4558, 63.6894 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(143, 154, 207) }
```


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

```
.border{ border-color:rgb(143, 154, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 207);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1458, 33.4558, 63.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 207) }
```

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

```
.background{ background-color: rgb(143,  
154, 207) }
```

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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