

Converting Colors

XYZ(31.1658, 34.4471, 35.5602)

Have a look what the booklet for
XYZ(31.1658, 34.4471, 35.5602)
contains.

XYZ(31.3307, 34.6578, 35.6102)	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(31.3307, 34.6578,
35.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	96A29A
RGB	150, 162, 154
RGB Percent	59%, 64%, 60%
CMY	0.4118, 0.3647, 0.3961
CMYK	0.07, 0.00, 0.05, 0.36
HSL	140°, 6%, 61%
HSV	140°, 7%, 64%
XYZ	31.3307, 34.6578, 35.6102
YIQ	157.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

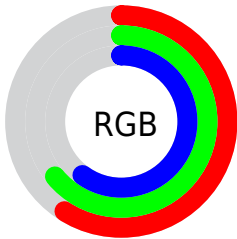
Format	Color
RYB	150, 159, 162
Decimal	9872026
CIELab	65.48, -5.82, 2.69
CIELCh	65, 6.411, 155.194
Yxy	34.6578, 0.3084, 0.3411
Android (android.graphics.Color)	4288062106 (0xFF96A29A)
YUV	157.5000, -1.7255, -6.5775
Hunter-Lab	58.8709, -8.0275, 5.3459

Details

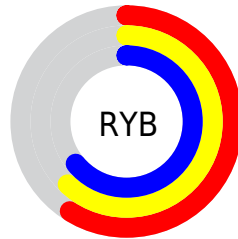
The XYZ color **31.3307, 34.6578, 35.6102** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9794, 31.9635, 36.8333**, and the grayscale version is **32.2830, 33.9642, 36.9870**.

A 20% lighter version of the original color is **61.0999, 67.0171, 69.3898**, and **13.1697, 14.7838, 14.9914** is the 20% darker color. If you saturate the color by 10%, you get **27.6939, 32.8832, 30.9537**, and if you desaturate by 10%, it is **35.4626, 36.6802, 40.7139**.

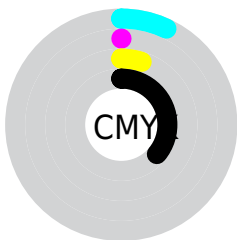
Distribution



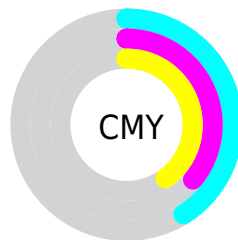
- Red (59%)
- Green (64%)
- Blue (60%)



- Red (59%)
- Yellow (62%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3307, 34.6578, 35.6102 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 31.3307, 34.6578, 35.6102 by changing the saturation by 10% instead.

■ 31.3307, 34.6578,
35.6102

■ 31.3307, 34.6578,
35.6102

299.8587,
323.0553, 342.2393

■ 21.0039, 23.3994,
23.8460

■ 61.1327, 66.9553,
69.5923

■ 13.2393, 14.8887,
15.0083

■ 81.3385, 88.7632,
92.6472

■ 7.6717, 8.7413,
8.6785

105.5680,
114.8564, 120.3027

■ 3.9356, 4.5728,
4.4381

134.1866,
145.6192, 152.9775

■ 1.6658, 1.9989,
1.8687

167.5596,
181.4361, 191.0900

■ 0.4347, 0.6068,
0.4727

206.0524,

■ 0.0000, 0.0000,

222.6915, 235.0588

0.0000

250.0303,
269.7698, 285.3024

■ 31.3307, 34.6578,
35.6102

■ 31.3307, 34.6578,
35.6102

■ 27.6939, 32.8832,
30.9537

■ 35.4626, 36.6802,
40.7139

■ 24.5303, 31.3425,
26.7302

■ 40.1046, 38.9550,
46.2741

■ 21.8207, 30.0271,
22.9279

■ 45.2747, 41.4922,
52.3025

■ 19.5435, 28.9259,
19.5337

■ 50.9889, 44.2998,
58.8099

■ 17.6753, 28.0272,
16.5339

■ 57.2628, 47.3858,
65.8067

■ 16.1900, 27.3180,
13.9139

■ 64.1112, 50.7574,
73.3028

■ 15.0590, 26.7837,
11.6582

■ 68.3889, 52.7932,
81.1602

■ 14.2487, 26.4074,
9.7502

■ 69.9500, 53.4176,
89.3807

■ 13.7069, 26.1625,
8.1713

■ 71.6067, 54.0803,
98.1047

Harmonies

Analogous

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



31.9124, 34.6578, 33.6700



31.3307, 34.6578, 35.6102



31.1771, 34.6578, 38.2061

Triad

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



31.3307, 34.6578, 35.6102



33.1048, 34.6578, 43.1189



34.4375, 34.6578, 34.8365

Complementary

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



31.3307, 34.6578, 35.6102



31.9794, 31.9635, 36.8333

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.



34.7706, 34.6578, 37.2707



31.3307, 34.6578, 35.6102



33.9919, 34.6578, 42.1178

Square

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



31.3307, 34.6578, 35.6102



32.1902, 34.6578, 42.6230



34.6060, 34.6578, 39.9457



33.7038, 34.6578, 33.2384

Rectangle

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



31.3307, 34.6578, 35.6102



31.3357, 34.6578, 39.9787



34.6060, 34.6578, 39.9457



34.6006, 34.6578, 35.5797

Sweetspot

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



31.3317, 34.6593, 35.6110



60.7922, 64.8326, 69.5198



32.5666, 35.3338, 33.9581



13.6734, 14.5708, 15.6382



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.



31.3317, 34.6593, 35.6110



55.6500, 62.3185, 63.0981



31.8268, 34.8573, 38.2183



7.0784, 7.9322, 8.0246



10.7217, 20.5750, 6.2509



0.2465, 0.4408, 0.2429

Inverse Universe

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



31.9794, 31.9635, 36.8333



57.0884, 56.3314, 65.8126



31.4916, 31.7683, 34.2644



7.2635, 7.1618, 8.3739



13.8921, 6.9129, 11.8885



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 31.3307, 34.6578, 35.6102 looks on a white background.

Color Contrast Check

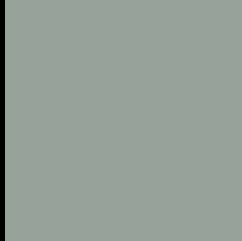
Large Text (above 18pt) WCAG AA × Fail

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 31.3307, 34.6578, 35.6102 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

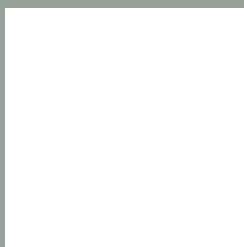
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3307, 34.6578, 35.6102

Background



This preview shows how black text looks on a background with the XYZ color 31.3307, 34.6578, 35.6102.



This preview shows how white text looks on a background with the XYZ color 31.3307, 34.6578,

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

31.3307, 34.6578, 35.6102

Protanopia

32.9986, 34.5072, 34.6271

Deuteranopia

35.2355, 34.6255, 36.2788



Tritanopia

32.9814, 34.5471, 43.9597

Trichromacy



Original Color

31.3307, 34.6578, 35.6102

Protanomaly

32.2485, 34.3653, 35.0705

Deuteranomaly

33.6993, 34.5875, 35.9103

Tritanomaly

32.3112, 34.5336, 40.5600

Monochromacy



Original Color

31.3307, 34.6578, 35.6102

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0015, 34.1992, 36.8127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3307, 34.6578, 35.6102 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(150, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 154)  
}
```

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(150, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.3307, 34.6578, 35.6102 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(150, 162, 154) }
```


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

```
.border{ border-color:rgb(150, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3307, 34.6578, 35.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 154) }
```

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

```
.background{ background-color: rgb(150,  
162, 154) }
```

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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