

Converting Colors

XYZ(30.4293, 31.3998, 35.0660)

Have a look what the booklet for
XYZ(30.4293, 31.3998, 35.0660)
contains.

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Color

**XYZ(30.4169, 31.4349,
35.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	9B979A
RGB	155, 151, 154
RGB Percent	61%, 59%, 60%
CMY	0.3922, 0.4078, 0.3961
CMYK	0.00, 0.03, 0.01, 0.39
HSL	315°, 2%, 60%
HSV	315°, 3%, 61%
XYZ	30.4169, 31.4349, 35.0362
YIQ	152.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

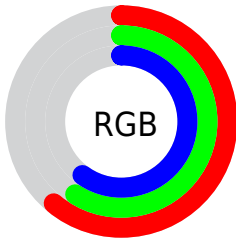
Format	Color
RYB	155, 151, 154
Decimal	10196890
CIELab	62.87, 2.03, -1.06
CIELCh	63, 2.293, 332.386
Yxy	31.4349, 0.3139, 0.3244
Android (android.graphics.Color)	4288386970 (0xFF9B979A)
YUV	152.5380, 0.7208, 2.1592
Hunter-Lab	56.0668, -1.2787, 2.1964

Details

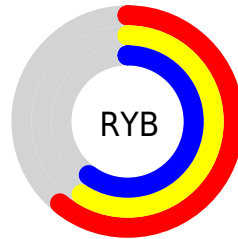
The XYZ color **30.4169, 31.4349, 35.0362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1525, 32.2898, 34.3508**, and the grayscale version is **30.0750, 31.6412, 34.4573**.

A 20% lighter version of the original color is **59.5110, 61.7720, 68.4611**, and **12.7143, 13.0367, 14.6782** is the 20% darker color. If you saturate the color by 10%, you get **27.7671, 26.6435, 32.5855**, and if you desaturate by 10%, it is **33.4069, 36.8891, 37.6526**.

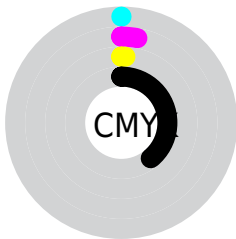
Distribution



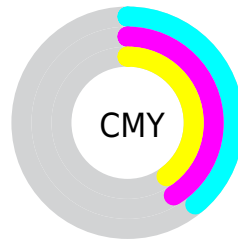
- Red (61%)
- Green (59%)
- Blue (60%)



- Red (61%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4169, 31.4349, 35.0362 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 30.4169, 31.4349, 35.0362 by changing the saturation by 10% instead.

■ 30.4169, 31.4349,
35.0362

■ 30.4169, 31.4349,
35.0362

295.7180,
308.5369, 339.6372

■ 20.3049, 20.9302,
23.4070

■ 59.7030, 61.9241,
68.6941

■ 12.7264, 13.0730,
14.6862

■ 79.6077, 82.6775,
91.5598

■ 7.3161, 7.4788,
8.4553

103.5075,
107.6159, 119.0081

■ 3.7087, 3.7633,
4.2957

131.7675,
137.1237, 151.4575

■ 1.5387, 1.5421,
1.7889

164.7532,
171.5853, 189.3266

■ 0.3519, 0.3181,
0.4206

202.8300,

■ 0.0000, 0.0000,

211.3851, 233.0339

0.0000

246.3631,
256.9075, 282.9979

■ 30.4169, 31.4349,
35.0362

■ 30.4169, 31.4349,
35.0362

■ 27.7671, 26.6435,
32.5855

■ 33.4069, 36.8891,
37.6526

■ 25.4421, 22.4855,
30.2936

■ 36.7465, 43.0262,
40.4371

■ 23.4291, 18.9350,
28.1562

■ 40.4481, 49.8703,
43.3947

■ 21.7134, 15.9632,
26.1680

■ 44.5227, 57.4431,
46.5295

■ 20.2794, 13.5385,
24.3232

■ 48.9807, 65.7656,
49.8455

■ 19.1097, 11.6266,
22.6156

■ 53.8322, 74.8577,
53.3464

■ 18.1851, 10.1891,
21.0381

■ 57.6331, 81.8308,
56.5514

■ 17.4836, 9.1822,
19.5830

■ 58.0371, 81.9924,
58.6787

■ 16.9792, 8.5541,
18.2410

■ 58.4522, 82.1584,
60.8648

Harmonies

Analogous

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



30.2030, 31.4349, 35.7105



30.4169, 31.4349, 35.0362



30.4861, 31.4349, 34.1552

Triad

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



30.4169, 31.4349, 35.0362



29.8528, 31.4349, 32.5261



29.3702, 31.4349, 35.1632

Complementary

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



30.4169, 31.4349, 35.0362



30.1525, 32.2898, 34.3508

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.



29.2779, 31.4349, 34.2994



30.4169, 31.4349, 35.0362



29.5552, 31.4349, 32.7857

Square

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



30.4169, 31.4349, 35.0362



30.1591, 31.4349, 32.7157



29.3454, 31.4349, 33.4309



29.5985, 31.4349, 35.7847

Rectangle

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



30.4169, 31.4349, 35.0362



30.4405, 31.4349, 33.5720



29.3454, 31.4349, 33.4309



29.3223, 31.4349, 34.8910

Sweetspot

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



30.4178, 31.4363, 35.0369



55.2686, 57.7420, 63.4574



29.9332, 31.1768, 35.4508



12.5169, 13.0825, 14.3696



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4178, 31.4363, 35.0369



54.2330, 55.8598, 62.5293



30.2527, 31.3702, 34.1677



6.7272, 6.8983, 7.7661



13.4156, 6.6205, 13.9794



0.2147, 0.1046, 0.2834

Inverse Universe

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



30.4178, 31.4363, 35.0369



54.2330, 55.8598, 62.5293



30.3176, 32.3558, 35.2200



6.7272, 6.8983, 7.7661



13.4156, 6.6205, 13.9794



0.2147, 0.1046, 0.2834

Previews

White Background



This preview shows how the XYZ color 30.4169, 31.4349, 35.0362 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 30.4169, 31.4349, 35.0362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

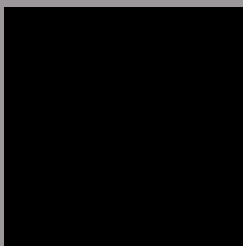
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

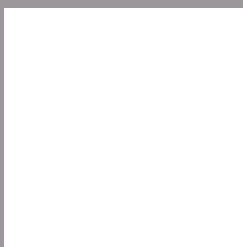
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4169, 31.4349, 35.0362

Background



This preview shows how black text looks on a background with the XYZ color 30.4169, 31.4349, 35.0362.



This preview shows how white text looks on a background with the XYZ color 30.4169, 31.4349,

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

30.4169, 31.4349, 35.0362

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

31.8672, 31.2333, 35.3594



Tritanopia

31.1382, 31.4892, 38.6193

Trichromacy



Original Color

30.4169, 31.4349, 35.0362

Protanomaly

30.2258, 31.3363, 35.0273

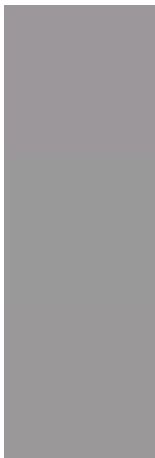
Deuteranomaly

31.2042, 31.1234, 35.3731

Tritanomaly

30.8747, 31.3838, 37.2313

Monochromacy



Original Color

30.4169, 31.4349, 35.0362

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3044, 31.6264, 34.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4169, 31.4349, 35.0362 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(155, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 151, 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(155, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 151, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.4169, 31.4349, 35.0362 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(155, 151, 154) }
```


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

```
.border{ border-color:rgb(155, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 151, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 151, 154); box-shadow:4px 4px 4px 4px rgb(155, 151, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4169, 31.4349, 35.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 151, 154) }
```

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

```
.background{ background-color: rgb(155,  
151, 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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