

Converting Colors

XYZ(31.3403, 30.0446, 35.5999)

Have a look what the booklet for
XYZ(31.3403, 30.0446, 35.5999)
contains.

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Color

**XYZ(31.3403, 30.0446,
35.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	A58F9C
RGB	165, 143, 156
RGB Percent	65%, 56%, 61%
CMY	0.3529, 0.4392, 0.3882
CMYK	0.00, 0.13, 0.05, 0.35
HSL	325°, 11%, 60%
HSV	325°, 13%, 65%
XYZ	31.3403, 30.0446, 35.5999
YIQ	151.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

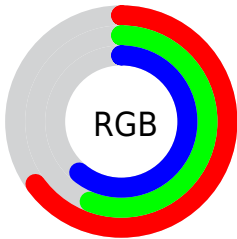
Format	Color
RYB	165, 143, 156
Decimal	10850204
CIELab	61.69, 10.55, -3.83
CIELCh	62, 11.220, 340.045
Yxy	30.0446, 0.3231, 0.3098
Android (android.graphics.Color)	4289040284 (0xFFA58F9C)
YUV	151.0600, 2.4354, 12.2254
Hunter-Lab	54.8130, 6.1379, -0.1386

Details

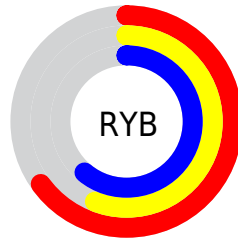
The XYZ color **31.3403, 30.0446, 35.5999** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4515, 35.0178, 34.8616**, and the grayscale version is **29.4291, 30.9617, 33.7172**.

A 20% lighter version of the original color is **61.1143, 59.8013, 69.2945**, and **13.2742, 12.3593, 15.0506** is the 20% darker color. If you saturate the color by 10%, you get **28.4875, 25.2283, 31.9067**, and if you desaturate by 10%, it is **34.5909, 35.6049, 39.5832**.

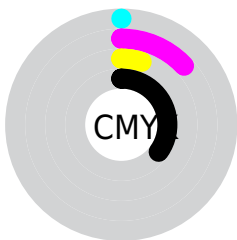
Distribution



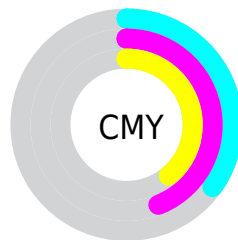
- Red (65%)
- Green (56%)
- Blue (61%)



- Red (65%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3403, 30.0446, 35.5999 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 31.3403, 30.0446, 35.5999 by changing the saturation by 10% instead.


 31.3403, 30.0446,
35.5999


 31.3403, 30.0446,
35.5999


299.9020,
302.1123, 342.1928


 21.0112, 19.8724,
23.8381


 61.1476, 59.7327,
69.5762

 13.2447, 12.3024,
15.0025


 81.3566, 80.0174,
92.6277

 7.6754, 6.9499,
8.6745


 105.5896,
104.4418, 120.2796

 3.9380, 3.4308,
4.4356

134.2119,
133.3903, 152.9503

 1.6671, 1.3606,
1.8672

167.5890,
167.2471, 191.0584

 0.4356, 0.1874,
0.4718

206.0861,

 0.0000, 0.0000,

206.3968, 235.0225

0.0000

250.0687,
251.2237, 285.2611

■ 31.3403, 30.0446,
35.5999

■ 31.3403, 30.0446,
35.5999

■ 28.4875, 25.2283,
31.9067

■ 34.5909, 35.6049,
39.5832

■ 26.0137, 21.1202,
28.4937

■ 38.2522, 41.9353,
43.8623

■ 23.9020, 17.6873,
25.3531

■ 42.3395, 49.0652,
48.4451

■ 22.1337, 14.8926,
22.4759

■ 46.8666, 57.0217,
53.3385

■ 20.6878, 12.6954,
19.8526

■ 51.8467, 65.8301,
58.5492

■ 19.5412, 11.0503,
17.4725

■ 57.2924, 75.5151,
64.0837

■ 18.6674, 9.9052,
15.3240

■ 62.0875, 83.8435,
69.5720

■ 18.0349, 9.1980,
13.3936

■ 62.9112, 84.1730,
73.9096

■ 17.6979, 8.8717,
12.2095

■ 63.7704, 84.5167,
78.4340

Harmonies

Analogous

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



30.4433, 30.0446, 39.4186



31.3403, 30.0446, 35.5999



31.4770, 30.0446, 31.3006

Triad

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



31.3403, 30.0446, 35.5999



28.0588, 30.0446, 25.2684



26.4150, 30.0446, 38.2924

Complementary

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



31.3403, 30.0446, 35.5999



30.4515, 35.0178, 34.8616

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.



25.8224, 30.0446, 34.1683



31.3403, 30.0446, 35.5999



26.7493, 30.0446, 26.8154

Square

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



31.3403, 30.0446, 35.5999



29.5473, 30.0446, 25.5791



25.9426, 30.0446, 29.9874



27.5881, 30.0446, 41.0645

Rectangle

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



31.3403, 30.0446, 35.5999



31.1139, 30.0446, 28.7680



25.9426, 30.0446, 29.9874



26.1432, 30.0446, 37.0042

Sweetspot

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



31.3412, 30.0459, 35.6005



61.4924, 62.9797, 70.3427



29.5267, 29.0192, 39.6428



13.3469, 13.6027, 15.2622



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.



31.3412, 30.0459, 35.6005



54.5428, 51.1182, 61.7447



30.4669, 29.6962, 30.9967



7.2411, 7.1529, 8.2560



13.4137, 6.7216, 9.3693



0.3045, 0.1503, 0.3160

Inverse Universe

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



31.3412, 30.0459, 35.6005



54.5428, 51.1182, 61.7447



31.3768, 35.3878, 39.7339



7.2411, 7.1529, 8.2560



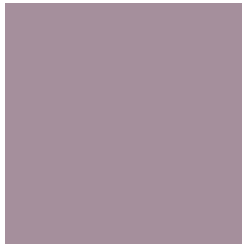
13.4137, 6.7216, 9.3693



0.3045, 0.1503, 0.3160

Previews

White Background



This preview shows how the XYZ color 31.3403, 30.0446, 35.5999 looks on a white background.

Color Contrast Check

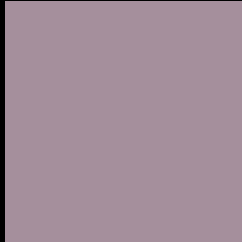
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3403, 30.0446, 35.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

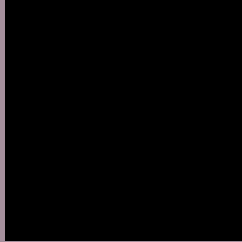
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.3403, 30.0446, 35.5999

Background



This preview shows how black text looks on a background with the XYZ color 31.3403, 30.0446, 35.5999.



This preview shows how white text looks on a background with the XYZ color 31.3403, 30.0446,

35.5999.

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

31.3403, 30.0446, 35.5999

Protanopia

29.2423, 30.0726, 37.0642

Deuteranopia

30.8241, 30.2282, 35.6625



Tritanopia

31.1722, 29.9773, 34.7151

Trichromacy



Original Color

31.3403, 30.0446, 35.5999

Protanomaly

29.9680, 29.9950, 36.5579

Deuteranomaly

30.8743, 30.0282, 35.6213

Tritanomaly

31.2559, 30.0108, 35.1556

Monochromacy



Original Color

31.3403, 30.0446, 35.5999

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.0500, 30.5476, 34.4495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3403, 30.0446, 35.5999 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, 143, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 143, 156)  
}
```

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, 143, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 143, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.3403, 30.0446, 35.5999 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, 143, 156) }
```


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

```
.border{ border-color:rgb(165, 143, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 143, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 143, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 143, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 143,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3403, 30.0446, 35.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 143, 156) }
```

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

```
.background{ background-color: rgb(165,  
143, 156) }
```

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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