

Converting Colors

XYZ(31.0134, 28.9870, 35.7951)

Have a look what the booklet for
XYZ(31.0134, 28.9870, 35.7951)
contains.

XYZ(31.0443, 29.0065, 35.8609)	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(31.0443, 29.0065,
35.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	A68B9D
RGB	166, 139, 157
RGB Percent	65%, 55%, 62%
CMY	0.3490, 0.4549, 0.3843
CMYK	0.00, 0.16, 0.05, 0.35
HSL	320°, 13%, 60%
HSV	320°, 16%, 65%
XYZ	31.0443, 29.0065, 35.8609
YIQ	149.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

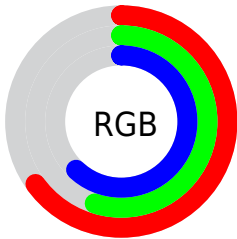
Format	Color
RYB	166, 139, 157
Decimal	10914717
CIELab	60.79, 13.36, -5.73
CIElCh	61, 14.533, 336.797
Yxy	29.0065, 0.3237, 0.3024
Android (android.graphics.Color)	4289104797 (0xFFA68B9D)
YUV	149.1250, 3.8824, 14.7994
Hunter-Lab	53.8577, 8.6389, -1.7776




Details

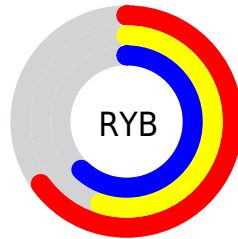
The XYZ color **31.0443, 29.0065, 35.8609** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6301, 34.9003, 33.1933**, and the grayscale version is **28.6014, 30.0909, 32.7690**.




A 20% lighter version of the original color is **60.7724, 58.2655, 70.3307**, and **13.1133, 11.7628, 15.2150** is the 20% darker color. If you saturate the color by 10%, you get **28.3592, 24.3751, 32.6876**, and if you desaturate by 10%, it is **34.1174, 34.3790, 39.2699**.

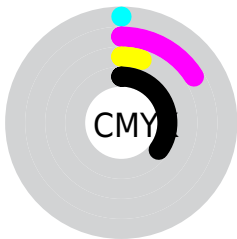
Distribution







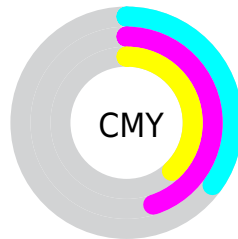
-  Red (65%)
-  Green (55%)
-  Blue (62%)






-  Red (65%)
-  Yellow (55%)
-  Blue (62%)



-  Cyan (0%)
-  Magenta (16%)
-  Yellow (5%)
-  Black (35%)





-  Cyan (35%)
-  Magenta (45%)
-  Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0443, 29.0065, 35.8609 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 31.0443, 29.0065, 35.8609 by changing the saturation by 10% instead.


 31.0443, 29.0065,
35.8609


 31.0443, 29.0065,
35.8609


298.5656,
297.2456, 343.3712


 20.7846, 19.0857,
24.0379


 60.6852, 58.0874,
69.9839

 13.0782, 11.7322,
15.1493


 80.7970, 78.0164,
93.1211

 7.5598, 6.5616,
8.7765


 104.9237,
102.0501, 120.8668

 3.8640, 3.1895,
4.5008

133.4304,
130.5732, 153.6394

 1.6255, 1.2314,
1.9039

166.6826,
163.9698, 191.8577

 0.4089, 0.0872,
0.4952

205.0456,

 0.0000, 0.0000,

202.6245, 235.9400

0.0000

248.8848,
246.9217, 286.3050

■ 31.0443, 29.0065,
35.8609

■ 31.0443, 29.0065,
35.8609

■ 28.3592, 24.3751,
32.6876

■ 34.1174, 34.3790,
39.2699

■ 26.0430, 20.4480,
29.7411

■ 37.5918, 40.5196,
42.9192

■ 24.0785, 17.1910,
27.0146

■ 41.4829, 47.4586,
46.8157

■ 22.4463, 14.5657,
24.5003

■ 45.8048, 55.2236,
50.9655

■ 21.1249, 12.5296,
22.1895

■ 50.5707, 63.8408,
55.3741

■ 20.0902, 11.0349,
20.0727

■ 55.7936, 73.3354,
60.0471

■ 19.3143, 10.0264,
18.1390

■ 61.4202, 83.6007,
64.9681

■ 18.7588, 9.4279,
16.3740

■ 62.0608, 83.8570,
68.3417

■ 18.5767, 9.2474,
15.7472

■ 62.7250, 84.1226,
71.8390

Harmonies

Analogous

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



29.8028, 29.0065, 40.6655



31.0443, 29.0065, 35.8609



31.3355, 29.0065, 30.3682

Triad

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



31.0443, 29.0065, 35.8609



27.1422, 29.0065, 22.3401



24.7627, 29.0065, 38.2317

Complementary

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



31.0443, 29.0065, 35.8609



29.6301, 34.9003, 33.1933

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.



24.1185, 29.0065, 32.8301



31.0443, 29.0065, 35.8609



25.4512, 29.0065, 23.9650

Square

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



31.0443, 29.0065, 35.8609



29.0256, 29.0065, 22.9555



24.3647, 29.0065, 27.6599



26.1635, 29.0065, 42.1398

Rectangle

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



31.0443, 29.0065, 35.8609



30.9403, 29.0065, 27.1223



24.3647, 29.0065, 27.6599



24.4535, 29.0065, 36.5081

Sweetspot

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



31.0451, 29.0078, 35.8615



62.6189, 63.6250, 72.0226



28.3294, 27.5157, 39.8948



13.9222, 14.0784, 16.0199



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.0451, 29.0078, 35.8615



54.2575, 49.0326, 62.6671



29.9554, 28.5719, 30.1230



7.7340, 7.6235, 8.9164



14.4275, 7.1797, 12.3284



0.3733, 0.1836, 0.4171

Inverse Universe

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



31.0451, 29.0078, 35.8615



54.2575, 49.0326, 62.6671



30.7618, 35.3530, 39.1530



7.7340, 7.6235, 8.9164



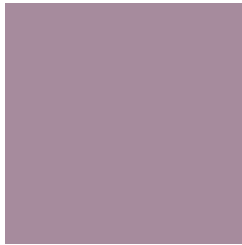
14.4275, 7.1797, 12.3284



0.3733, 0.1836, 0.4171

Previews

White Background



This preview shows how the XYZ color 31.0443, 29.0065, 35.8609 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 31.0443, 29.0065, 35.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

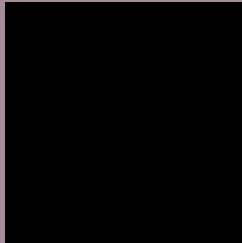
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0443, 29.0065, 35.8609

Background



This preview shows how black text looks on a background with the XYZ color 31.0443, 29.0065, 35.8609.



This preview shows how white text looks on a background with the XYZ color 31.0443, 29.0065,

35.8609.

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

31.0443, 29.0065, 35.8609

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

30.4810, 28.9899, 33.2672

Trichromacy



Original Color

31.0443, 29.0065, 35.8609

Protanomaly

29.3045, 28.9553, 37.3021

Deuteranomaly

30.1710, 29.2199, 35.5023

Tritanomaly

30.6449, 29.0554, 34.1301

Monochromacy



Original Color

31.0443, 29.0065, 35.8609

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3105, 29.4864, 33.8524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0443, 29.0065, 35.8609 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(166, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 139, 157)  
}
```

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(166, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 139, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.0443, 29.0065, 35.8609 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(166, 139, 157) }
```


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

```
.border{ border-color:rgb(166, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 139,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0443, 29.0065, 35.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 139, 157) }
```

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

```
.background{ background-color: rgb(166,  
139, 157) }
```

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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