

Converting Colors

XYZ(31.1469, 25.3803, 36.1547)

Have a look what the booklet for
XYZ(31.1469, 25.3803, 36.1547)
contains.

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Color

**XYZ(31.1059, 25.2833,
36.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	B1789F
RGB	177, 120, 159
RGB Percent	69%, 47%, 62%
CMY	0.3059, 0.5294, 0.3765
CMYK	0.00, 0.32, 0.10, 0.31
HSL	319°, 27%, 58%
HSV	319°, 32%, 69%
XYZ	31.1059, 25.2833, 36.0416
YIQ	141.4890, 21.4530, 24.2130

Conversions

Conversions Part 2

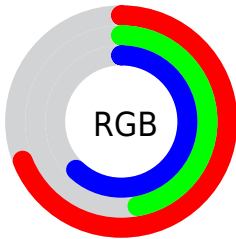
Format	Color
RYB	177, 120, 159
Decimal	11630751
CIELab	57.35, 28.40, -11.88
CIELCh	57, 30.786, 337.294
Yxy	25.2833, 0.3365, 0.2735
Android (android.graphics.Color)	4289820831 (0xFFB1789F)
YUV	141.4890, 8.6329, 31.1431
Hunter-Lab	50.2825, 22.4298, -7.3003

Details

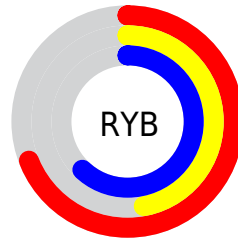
The XYZ color **31.1059, 25.2833, 36.0416** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.0563, 37.2729, 29.7621**, and the grayscale version is **25.4714, 26.7979, 29.1829**.

A 20% lighter version of the original color is **60.6854, 52.0658, 70.4696**, and **13.0653, 9.6740, 15.3660** is the 20% darker color. If you saturate the color by 10%, you get **28.6967, 21.2234, 32.8993**, and if you desaturate by 10%, it is **33.9320, 30.1412, 39.4317**.

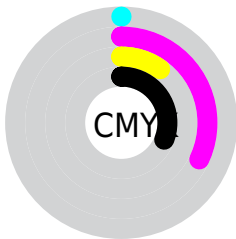
Distribution



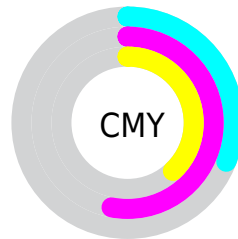
- Red (69%)
- Green (47%)
- Blue (62%)



- Red (69%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1059, 25.2833, 36.0416 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 31.1059, 25.2833, 36.0416 by changing the saturation by 10% instead.

■ 31.1059, 25.2833,
36.0416

■ 31.1059, 25.2833,
36.0416

298.8441,
279.2459, 344.1852

■ 20.8317, 16.2882,
24.1764

■ 60.7815, 52.1164,
70.2660

■ 13.1128, 9.7284,
15.2511

■ 80.9136, 70.7233,
93.4623

■ 7.5838, 5.2192,
8.8472

■ 105.0624, 93.3030,
121.2727

■ 3.8794, 2.3765,
4.5462

133.5932,
120.2397, 154.1158

■ 1.6341, 0.8137,
1.9295

166.8714,
151.9180, 192.4100

■ 0.4145, 0.0000,
0.5114

205.2624,

■ 0.0000, 0.0000,

188.7222, 236.5740

0.0000

249.1315,
231.0367, 287.0262

■ 31.1059, 25.2833,
36.0416

■ 31.1059, 25.2833,
36.0416

■ 28.6967, 21.2234,
32.8993

■ 33.9320, 30.1412,
39.4317

■ 26.6802, 17.9145,
29.9945

■ 37.1931, 35.8339,
43.0761

■ 25.0329, 15.3101,
27.3181

■ 40.9090, 42.4000,
46.9830

■ 23.7281, 13.3568,
24.8599

■ 45.0973, 49.8747,
51.1598

■ 22.7351, 11.9938,
22.6079

■ 49.7750, 58.2912,
55.6134

■ 22.0172, 11.1485,
20.5486

■ 54.9580, 67.6811,
60.3503

■ 21.5890, 10.7302,
19.0554

■ 60.6616, 78.0745,
65.3770

■ 64.7570, 85.2133,
69.9850

■ 65.4385, 85.4859,
73.5738

Harmonies

Analogous

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



28.5402, 25.2833, 46.8202



31.1059, 25.2833, 36.0416



31.6882, 25.2833, 25.0549

Triad

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



31.1059, 25.2833, 36.0416



23.1508, 25.2833, 12.0152



18.8679, 25.2833, 41.5955

Complementary

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



31.1059, 25.2833, 36.0416



28.0563, 37.2729, 29.7621

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.



17.7189, 25.2833, 30.1613



31.1059, 25.2833, 36.0416



20.0237, 25.2833, 14.4329

Square

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



31.1059, 25.2833, 36.0416



26.8438, 25.2833, 12.8361



18.1195, 25.2833, 20.4752



21.4219, 25.2833, 50.5519

Rectangle

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



31.1059, 25.2833, 36.0416



30.8247, 25.2833, 19.3011



18.1195, 25.2833, 20.4752



18.3170, 25.2833, 37.8155

Sweetspot

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



31.1067, 25.2844, 36.0421



67.8955, 66.4358, 78.5295



24.9864, 21.9355, 44.5122



14.5255, 14.0659, 16.8161



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.1067, 25.2844, 36.0421



52.4204, 39.7231, 60.3071



28.9727, 24.4309, 24.8051



8.7335, 8.6001, 10.0952



15.6703, 7.7857, 13.9558



0.5181, 0.2550, 0.5707

Inverse Universe

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



31.1067, 25.2844, 36.0421



52.4204, 39.7231, 60.3071



30.3150, 38.1764, 41.6559



8.7335, 8.6001, 10.0952



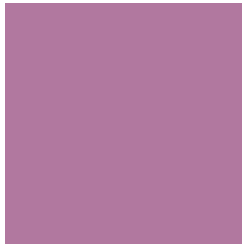
15.6703, 7.7857, 13.9558



0.5181, 0.2550, 0.5707

Previews

White Background



This preview shows how the XYZ color 31.1059, 25.2833, 36.0416 looks on a white background.

Color Contrast Check

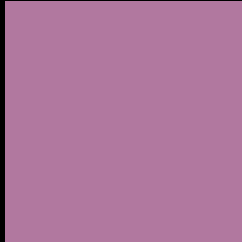
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1059, 25.2833, 36.0416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

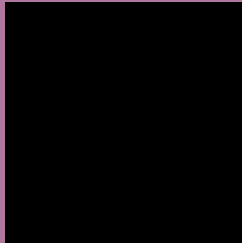
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1059, 25.2833, 36.0416

Background



This preview shows how black text looks on a background with the XYZ color 31.1059, 25.2833, 36.0416.



This preview shows how white text looks on a background with the XYZ color 31.1059, 25.2833,

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

31.1059, 25.2833, 36.0416

Protanopia

25.4073, 25.5394, 41.6207

Deuteranopia

25.8535, 25.2901, 34.9713



Tritanopia

29.0923, 25.3871, 25.9211

Trichromacy



Original Color

31.1059, 25.2833, 36.0416

Protanomaly

27.0319, 25.1888, 39.5136

Deuteranomaly

27.4536, 25.1034, 35.2968

Tritanomaly

29.7201, 25.2630, 29.2964

Monochromacy



Original Color

31.1059, 25.2833, 36.0416

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.0593, 25.7832, 31.5675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1059, 25.2833, 36.0416 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(177, 120, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 120, 159)  
}
```

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(177, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 120, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.1059, 25.2833, 36.0416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

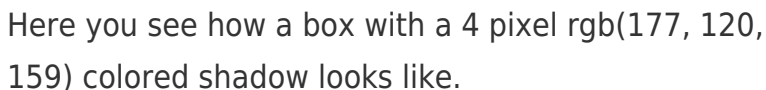
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 120, 159) }
```


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

```
.border{ border-color:rgb(177, 120, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 120, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 120, 159); box-shadow:4px 4px 4px 4px rgb(177, 120, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1059, 25.2833, 36.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 120, 159) }
```

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

```
.background{ background-color: rgb(177,  
120, 159) }
```

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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