

Converting Colors

XYZ(31.0917, 26.8305, 33.3713)

Have a look what the booklet for
XYZ(31.0917, 26.8305, 33.3713)
contains.

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Color

**XYZ(31.0659, 26.8193,
33.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8098
RGB	175, 128, 152
RGB Percent	69%, 50%, 60%
CMY	0.3137, 0.4980, 0.4039
CMYK	0.00, 0.27, 0.13, 0.31
HSL	329°, 23%, 59%
HSV	329°, 27%, 69%
XYZ	31.0659, 26.8193, 33.2451
YIQ	144.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

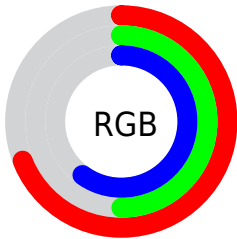
Format	Color
R_{YB}	175, 128, 152
Decimal	11501720
CIE _{Lab}	58.81, 21.97, -5.70
CIE _{LCh}	59, 22.701, 345.465
Yxy	26.8193, 0.3409, 0.2943
Android (android.graphics.Color)	4289691800 (0xFFAF8098)
YUV	144.7890, 3.5550, 26.4950
Hunter-Lab	51.7874, 16.4497, -1.8103

Details

The XYZ color **31.0659, 26.8193, 33.2451** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8191, 37.4843, 34.9434**, and the grayscale version is **26.8089, 28.2051, 30.7153**.

A 20% lighter version of the original color is **60.6194, 54.4929, 65.7157**, and **13.0994, 10.5259, 13.6532** is the 20% darker color. If you saturate the color by 10%, you get **28.3009, 22.3714, 28.9868**, and if you desaturate by 10%, it is **34.2768, 32.0772, 37.9026**.

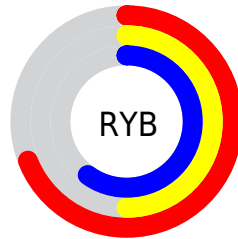
Distribution



Red (69%)

Green (50%)

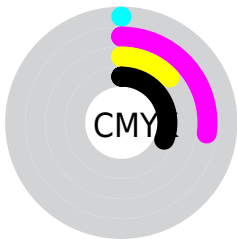
Blue (60%)



Red (69%)

Yellow (50%)

Blue (60%)

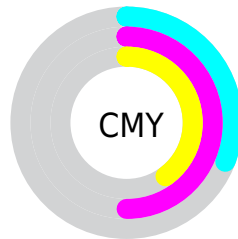


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (31%)



Cyan (31%)


Magenta (50%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0659, 26.8193, 33.2451 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 31.0659, 26.8193, 33.2451 by changing the saturation by 10% instead.


 31.0659, 26.8193,
33.2451


 31.0659, 26.8193,
33.2451


298.6633,
286.7811, 331.4185


 20.8011, 17.4376,
22.0416


 60.7189, 54.5938,
65.8784

 13.0903, 10.5469,
13.6889


 80.8379, 73.7553,
88.1453

 7.5682, 5.7631,
7.7683


 104.9723, 96.9455,
114.9371

 3.8694, 2.7016,
3.8614

133.4875,
124.5488, 146.6724

 1.6285, 0.9780,
1.5496

166.7488,
156.9497, 183.7696

 0.4109, 0.0000,
0.2545

205.1217,

 0.0000, 0.0000,

194.5324, 226.6474

0.0000

248.9714,
237.6814, 275.7242

■ 31.0659, 26.8193,
33.2451

■ 31.0659, 26.8193,
33.2451

■ 28.3009, 22.3714,
28.9868

■ 34.2768, 32.0772,
37.9026

■ 25.9583, 18.6891,
25.1137

■ 37.9510, 38.1794,
42.9692

■ 24.0156, 15.7292,
21.6132

■ 42.1079, 45.1627,
48.4567

■ 22.4474, 13.4425,
18.4712

■ 46.7650, 53.0605,
54.3756

■ 21.2252, 11.7738,
15.6724

■ 51.9389, 61.9045,
60.7363

■ 20.3160, 10.6590,
13.1997

■ 57.6454, 71.7248,
67.5484

■ 19.6731, 10.0071,
11.0313

■ 63.8997, 82.5504,
74.8216

■ 19.4976, 9.8413,
10.4018

■ 66.4262, 85.8288,
81.1349

■ 67.5935, 86.2957,
87.2822

Harmonies

Analogous

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



29.5246, 26.8193, 41.4061



31.0659, 26.8193, 33.2451



31.0401, 26.8193, 25.2801

Triad

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



31.0659, 26.8193, 33.2451



24.0821, 26.8193, 16.7189



21.8982, 26.8193, 41.6296

Complementary

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



31.0659, 26.8193, 33.2451



29.8191, 37.4843, 34.9434

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.



20.6460, 26.8193, 33.5091



31.0659, 26.8193, 33.2451



21.8425, 26.8193, 19.6673

Square

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



31.0659, 26.8193, 33.2451



26.8662, 26.8193, 16.6743



20.6263, 26.8193, 25.5001



24.1634, 26.8193, 46.8151

Rectangle

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



31.0659, 26.8193, 33.2451



30.1324, 26.8193, 21.1378



20.6263, 26.8193, 25.5001



21.3524, 26.8193, 39.0927

Sweetspot

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



31.0667, 26.8205, 33.2457



67.0761, 66.8880, 75.7494



28.1681, 25.0871, 43.9156



14.6826, 14.4902, 16.5289



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.



31.0667, 26.8205, 33.2457



52.7212, 43.3213, 55.1092



29.3474, 26.1328, 24.1922



8.1695, 8.0810, 9.2033



13.9939, 7.0601, 7.6132



0.4169, 0.2074, 0.3569

Inverse Universe

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



31.0667, 26.8205, 33.2457



52.7212, 43.3213, 55.1092



31.8941, 38.3143, 45.8701



8.1695, 8.0810, 9.2033



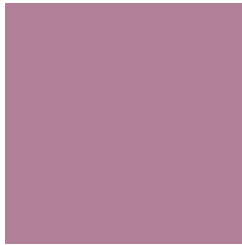
13.9939, 7.0601, 7.6132



0.4169, 0.2074, 0.3569

Previews

White Background



This preview shows how the XYZ color 31.0659, 26.8193, 33.2451 looks on a white background.

Color Contrast Check

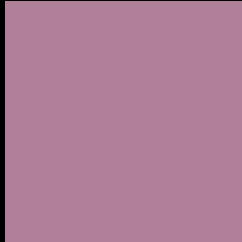
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0659, 26.8193, 33.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

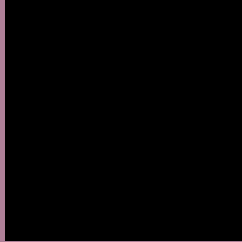
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0659, 26.8193, 33.2451

Background



This preview shows how black text looks on a background with the XYZ color 31.0659, 26.8193, 33.2451.



This preview shows how white text looks on a background with the XYZ color 31.0659, 26.8193,

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

31.0659, 26.8193, 33.2451

Protanopia

26.5175, 27.0768, 37.0864

Deuteranopia

27.5424, 27.0544, 32.6245



Tritanopia

30.1718, 26.8574, 28.4047

Trichromacy



Original Color

31.0659, 26.8193, 33.2451

Protanomaly

27.8389, 26.7180, 35.5881

Deuteranomaly

28.6082, 26.7581, 32.9352

Tritanomaly

30.3399, 26.7128, 29.9426

Monochromacy



Original Color

31.0659, 26.8193, 33.2451

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2882, 27.6713, 31.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0659, 26.8193, 33.2451 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(175, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 152)  
}
```

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(175, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.0659, 26.8193, 33.2451 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(175, 128, 152) }
```


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

```
.border{ border-color:rgb(175, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 128,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0659, 26.8193, 33.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 152) }
```

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

```
.background{ background-color: rgb(175,  
128, 152) }
```

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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