

Converting Colors

XYZ(30.6287, 26.3098, 28.6633)

Have a look what the booklet for
XYZ(30.6287, 26.3098, 28.6633)
contains.

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Color

**XYZ(30.6287, 26.3098,
28.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	B27E8D
RGB	178, 126, 141
RGB Percent	70%, 49%, 55%
CMY	0.3020, 0.5059, 0.4471
CMYK	0.00, 0.29, 0.21, 0.30
HSL	343°, 25%, 60%
HSV	343°, 29%, 70%
XYZ	30.6287, 26.3098, 28.6633
YIQ	143.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

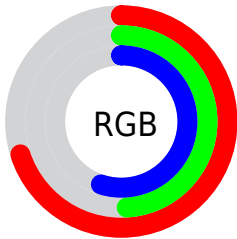
Format	Color
R_{YB}	178, 126, 141
Decimal	11697805
CIE Lab	58.33, 22.41, -0.02
CIE LCh	58, 22.406, 359.937
Yxy	26.3098, 0.3578, 0.3074
Android (android.graphics.Color)	4289887885 (0xFFB27E8D)
YUV	143.2580, -1.1132, 30.4687
Hunter-Lab	51.2931, 16.8250, 2.7731

Details

The XYZ color **30.6287, 26.3098, 28.6633** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1366, 38.9215, 40.5238**, and the grayscale version is **26.2091, 27.5740, 30.0281**.

A 20% lighter version of the original color is **60.2314, 53.8425, 58.8479**, and **12.7849, 10.2093, 11.1943** is the 20% darker color. If you saturate the color by 10%, you get **27.6627, 21.8007, 23.2877**, and if you desaturate by 10%, it is **34.1089, 31.6744, 34.7427**.

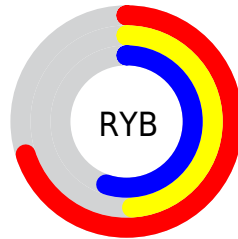
Distribution



Red (70%)

Green (49%)

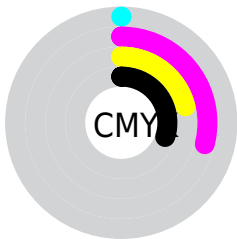
Blue (55%)



Red (70%)

Yellow (49%)

Blue (55%)

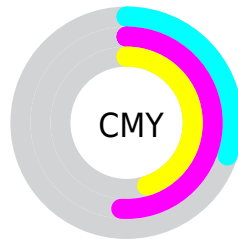


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6287, 26.3098, 28.6633 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 30.6287, 26.3098, 28.6633 by changing the saturation by 10% instead.


 30.6287, 26.3098,
28.6633


 30.6287, 26.3098,
28.6633


296.6816,
284.2996, 309.6340

 20.4667, 17.0555,
18.5829


 60.0348, 53.7743,
58.5775

 12.8450, 10.2741,
11.1955

 80.0097, 72.7534,
79.2483

 7.3982, 5.5811,
6.0827


 103.9863, 95.7428,
104.2864

 3.7609, 2.5921,
2.8258

132.3299,
123.1270, 134.1103

 1.5678, 0.9227,
1.0064

165.4058,
155.2904, 169.1384

 0.3713, 0.0000,
0.0000

203.5795,

 0.0000, 0.0000,

192.6174, 209.7894

0.0000

247.2163,
235.4923, 256.4818

■ 30.6287, 26.3098,
28.6633

■ 30.6287, 26.3098,
28.6633

■ 27.6627, 21.8007,
23.2877

■ 34.1089, 31.6744,
34.7427

■ 25.1837, 18.0990,
18.5882

■ 38.1246, 37.9320,
41.5492

■ 23.1651, 15.1576,
14.5373


■ 42.6982, 45.1224,
49.1067


■ 21.5769, 12.9228,
11.1051

■ 47.8504, 53.2816,
57.4377


■ 20.3852, 11.3338,
8.2590

■ 53.6009, 62.4440,
66.5637


 19.5508, 10.3194,
5.9629


 59.9681, 72.6421,
76.5053

 19.0029, 9.7465,
4.1684

 66.9700, 83.9072,
87.2824

 18.9652, 9.7070,
4.0452

 70.1970, 87.4158,
97.4385

 72.1698, 88.2049,
107.8270

Harmonies

Analogous

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



29.8278, 26.3098, 36.8525



30.6287, 26.3098, 28.6633



29.8343, 26.3098, 21.7835

Triad

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



30.6287, 26.3098, 28.6633



22.4787, 26.3098, 17.4992



22.4694, 26.3098, 43.7184

Complementary

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



30.6287, 26.3098, 28.6633



31.1366, 38.9215, 40.5238

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.



20.7301, 26.3098, 36.8189



30.6287, 26.3098, 28.6633



20.7352, 26.3098, 21.7598

Square

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



30.6287, 26.3098, 28.6633



25.0124, 26.3098, 16.0951



20.1185, 26.3098, 28.6305



25.0010, 26.3098, 46.4528

Rectangle

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



30.6287, 26.3098, 28.6633



28.5378, 26.3098, 18.6172



20.1185, 26.3098, 28.6305



21.7796, 26.3098, 41.7542

Sweetspot

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



30.6294, 26.3110, 28.6638



69.1793, 68.8546, 75.4186



30.4794, 25.8608, 45.5050



15.0799, 14.8687, 16.2956



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6294, 26.3110, 28.6638



51.9997, 42.3095, 45.6016



30.9875, 28.6938, 23.6454



8.5938, 8.5442, 9.3595



13.5939, 6.9551, 3.0214



0.4536, 0.2292, 0.2315

Inverse Universe

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



30.6294, 26.3110, 28.6638



51.9997, 42.3095, 45.6016



30.5699, 35.5086, 47.3624



8.5938, 8.5442, 9.3595



13.5939, 6.9551, 3.0214



0.4536, 0.2292, 0.2315

Previews

White Background



This preview shows how the XYZ color 30.6287, 26.3098, 28.6633 looks on a white background.

Color Contrast Check

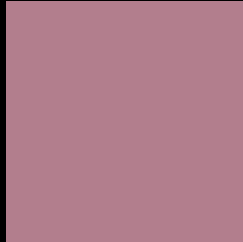
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6287, 26.3098, 28.6633 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 30.6287, 26.3098, 28.6633

Background



This preview shows how black text looks on a background with the XYZ color 30.6287, 26.3098, 28.6633.



This preview shows how white text looks on a background with the XYZ color 30.6287, 26.3098,

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

30.6287, 26.3098, 28.6633

Protanopia

25.7874, 26.5888, 32.2068

Deuteranopia

26.9819, 26.4410, 28.1076



Tritanopia

30.1648, 26.3034, 26.7798

Trichromacy



Original Color

30.6287, 26.3098, 28.6633

Protanomaly

27.1787, 26.2733, 30.8329

Deuteranomaly

28.0891, 26.1825, 28.3842

Tritanomaly

30.3083, 26.3608, 27.5355

Monochromacy



Original Color

30.6287, 26.3098, 28.6633

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5384, 26.9122, 29.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6287, 26.3098, 28.6633 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(178, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 126, 141)  
}
```

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(178, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 126, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.6287, 26.3098, 28.6633 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(178, 126, 141) }
```


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

```
.border{ border-color:rgb(178, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 126,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6287, 26.3098, 28.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 126, 141) }
```

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

```
.background{ background-color: rgb(178,  
126, 141) }
```

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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