

Converting Colors

XYZ(30.7544, 26.3803, 31.5380)

Have a look what the booklet for
XYZ(30.7544, 26.3803, 31.5380)
contains.

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Color

**XYZ(30.7106, 26.2899,
31.4728)**

Conversions

Conversions Part 1

Format	Color
Hex	B07E94
RGB	176, 126, 148
RGB Percent	69%, 49%, 58%
CMY	0.3098, 0.5059, 0.4196
CMYK	0.00, 0.28, 0.16, 0.31
HSL	334°, 24%, 59%
HSV	334°, 28%, 69%
XYZ	30.7106, 26.2899, 31.4728
YIQ	143.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

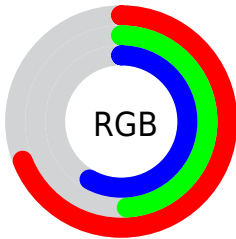
Format	Color
R_{YB}	176, 126, 148
Decimal	11566740
CIE _{Lab}	58.31, 22.79, -4.11
CIE _{LCh}	58, 23.161, 349.766
Yxy	26.2899, 0.3471, 0.2972
Android (android.graphics.Color)	4289756820 (0xFFB07E94)
YUV	143.4580, 2.2392, 28.5393
Hunter-Lab	51.2737, 17.1844, -0.5018

Details

The XYZ color **30.7106, 26.2899, 31.4728** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9633, 37.8200, 36.2943**, and the grayscale version is **26.2771, 27.6455, 30.1060**.

A 20% lighter version of the original color is **60.0595, 53.6603, 63.0691**, and **12.9105, 10.2429, 12.6059** is the 20% darker color. If you saturate the color by 10%, you get **27.9078, 21.8799, 26.8519**, and if you desaturate by 10%, it is **33.9773, 31.5207, 36.5768**.

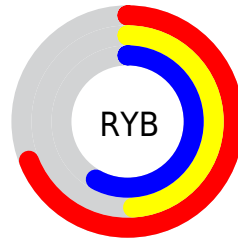
Distribution



Red (69%)

Green (49%)

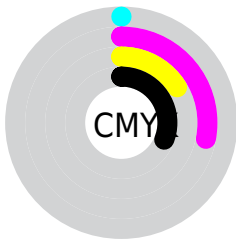
Blue (58%)



Red (69%)

Yellow (49%)

Blue (58%)

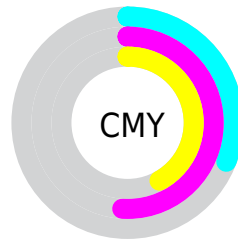


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7106, 26.2899, 31.4728 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 30.7106, 26.2899, 31.4728 by changing the saturation by 10% instead.

30.7106, 26.2899,
31.4728

30.7106, 26.2899,
31.4728

297.0536,
284.2023, 323.1290

20.5293, 17.0406,
20.6977

60.1631, 53.7423,
63.0720

12.8909, 10.2635,
12.7141

80.1650, 72.7141,
84.7331

7.4299, 5.5740,
7.1036

104.1712, 95.6957,
110.8599

3.7811, 2.5878,
3.4475

132.5470,
123.0713, 141.8710

1.5791, 0.9205,
1.3274

165.6578,
155.2254, 178.1849

0.3787, 0.0000,
0.0841

203.8689,

0.0000, 0.0000,

192.5423, 220.2202

0.0000

247.5457,
235.4065, 268.3954

■ 30.7106, 26.2899,
31.4728

■ 30.7106, 26.2899,
31.4728

■ 27.9078, 21.8799,
26.8519

■ 33.9773, 31.5207,
36.5768

■ 25.5442, 18.2450,
22.6968

■ 37.7265, 37.6079,
42.1769

■ 23.5963, 15.3404,
18.9914

■ 41.9784, 44.5891,
48.2879

■ 22.0371, 13.1153,
15.7181

■ 46.7514, 52.4989,
54.9232

■ 20.8365, 11.5121,
12.8576

■ 52.0629, 61.3698,
62.0957

■ 19.9593, 10.4638,
10.3884

■ 57.9297, 71.2329,
69.8178

■ 19.3465, 9.8556,
8.2806

■ 64.3676, 82.1177,
78.1016

■ 19.2595, 9.7721,
7.9729

■ 67.5096, 86.2881,
85.6646

■ 68.9084, 86.8477,
93.0307

Harmonies

Analogous

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



29.3585, 26.2899, 39.8686



30.7106, 26.2899, 31.4728



30.4439, 26.2899, 23.6897

Triad

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



30.7106, 26.2899, 31.4728



23.1991, 26.2899, 16.3604



21.6476, 26.2899, 42.1872

Complementary

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



30.7106, 26.2899, 31.4728



29.9633, 37.8200, 36.2943

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.



20.2259, 26.2899, 34.2026



30.7106, 26.2899, 31.4728



21.0739, 26.2899, 19.7234

Square

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



30.7106, 26.2899, 31.4728



25.9632, 26.2899, 15.9049



20.0241, 26.2899, 25.9548



24.0371, 26.2899, 46.7810

Rectangle

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



30.7106, 26.2899, 31.4728



29.3901, 26.2899, 19.7992



20.0241, 26.2899, 25.9548



21.0485, 26.2899, 39.7477

Sweetspot

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



30.7114, 26.2911, 31.4733



67.8814, 67.3237, 75.7004



28.5298, 24.8787, 44.3729



14.4911, 14.2317, 16.0817



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.



30.7114, 26.2911, 31.4733



52.4570, 42.5619, 51.7937



29.4559, 26.3068, 23.2653



8.6465, 8.5653, 9.6368



14.1595, 7.1813, 5.9997



0.4750, 0.2378, 0.3442

Inverse Universe

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



30.7114, 26.2911, 31.4733



52.4570, 42.5619, 51.7937



31.4811, 37.6501, 46.6825



8.6465, 8.5653, 9.6368



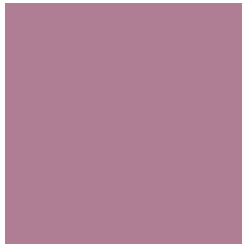
14.1595, 7.1813, 5.9997



0.4750, 0.2378, 0.3442

Previews

White Background



This preview shows how the XYZ color 30.7106, 26.2899, 31.4728 looks on a white background.

Color Contrast Check

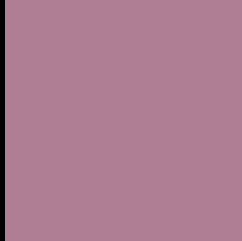
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7106, 26.2899, 31.4728 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 30.7106, 26.2899, 31.4728

Background



This preview shows how black text looks on a background with the XYZ color 30.7106, 26.2899, 31.4728.



This preview shows how white text looks on a background with the XYZ color 30.7106, 26.2899,

31.4728.

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

30.7106, 26.2899, 31.4728

Protanopia

25.8601, 26.5597, 35.2161

Deuteranopia

26.9414, 26.3590, 30.8620



Tritanopia

29.9858, 26.3873, 27.5576

Trichromacy



Original Color

30.7106, 26.2899, 31.4728

Protanomaly

27.3626, 26.3033, 33.7719

Deuteranomaly

28.2157, 26.1862, 31.1711

Tritanomaly

30.1511, 26.2457, 29.0680

Monochromacy



Original Color

30.7106, 26.2899, 31.4728

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5741, 26.9042, 30.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7106, 26.2899, 31.4728 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(176, 126, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 148)  
}
```

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(176, 126, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.7106, 26.2899, 31.4728 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(176, 126, 148) }
```


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

```
.border{ border-color:rgb(176, 126, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 126, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 126, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 126, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 126,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7106, 26.2899, 31.4728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 148) }
```

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

```
.background{ background-color: rgb(176,  
126, 148) }
```

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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