

Converting Colors

XYZ(31.2282, 26.5828, 29.3412)

Have a look what the booklet for
XYZ(31.2282, 26.5828, 29.3412)
contains.

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Color

**XYZ(31.2412, 26.6082,
29.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	B47E8F
RGB	180, 126, 143
RGB Percent	71%, 49%, 56%
CMY	0.2941, 0.5059, 0.4392
CMYK	0.00, 0.30, 0.21, 0.29
HSL	341°, 26%, 60%
HSV	341°, 30%, 71%
XYZ	31.2412, 26.6082, 29.4759
YIQ	144.0840, 26.7270, 16.7350

Conversions

Conversions Part 2

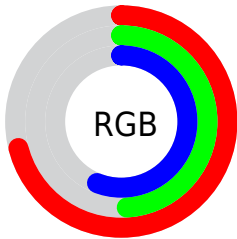
Format	Color
R _Y B	180, 126, 143
Decimal	11828879
CIE Lab	58.61, 23.47, -0.74
CIE LCh	59, 23.481, 358.190
Yxy	26.6082, 0.3578, 0.3047
Android (android.graphics.Color)	4290018959 (0xFFB47E8F)
YUV	144.0840, -0.5344, 31.4983
Hunter-Lab	51.5831, 17.8376, 2.2284

Details

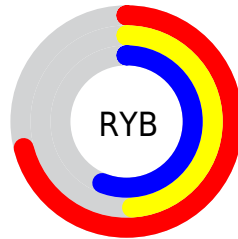
The XYZ color **31.2412, 26.6082, 29.4759** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5375, 39.7232, 40.6575**, and the grayscale version is **26.5383, 27.9203, 30.4052**.

A 20% lighter version of the original color is **61.1232, 54.2759, 60.0781**, and **13.1644, 10.3948, 11.6685** is the 20% darker color. If you saturate the color by 10%, you get **28.2597, 22.0591, 24.1229**, and if you desaturate by 10%, it is **34.7411, 32.0291, 35.5093**.

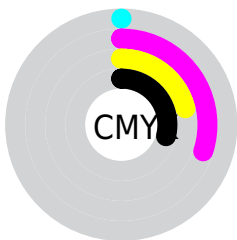
Distribution



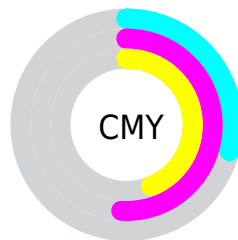
- Red (71%)
- Green (49%)
- Blue (56%)



- Red (71%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2412, 26.6082, 29.4759 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 31.2412, 26.6082, 29.4759 by changing the saturation by 10% instead.


 31.2412, 26.6082,
29.4759


 31.2412, 26.6082,
29.4759


299.4551,
285.7551, 313.5847

 20.9353, 17.2792,
19.1925


 60.9929, 54.2545,
59.8835

 13.1889, 10.4337,
11.6312


 81.1694, 73.3406,
80.8448

 7.6367, 5.6875,
6.3736

 105.3668, 96.4478,
106.2024

 3.9132, 2.6560,
3.0011

133.9505,
123.9606, 136.3749

 1.6531, 0.9549,
1.0952

167.2858,
156.2633, 171.7809

 0.4267, 0.0000,
0.0000

205.7381,

 0.0000, 0.0000,

193.7404, 212.8388

0.0000

249.6727,
236.7762, 259.9672

■ 31.2412, 26.6082,
29.4759

■ 31.2412, 26.6082,
29.4759

■ 28.2597, 22.0591,
24.1229

■ 34.7411, 32.0291,
35.5093

■ 25.7689, 18.3324,
19.4236

■ 38.7808, 38.3605,
42.2448

■ 23.7416, 15.3792,
15.3524


■ 43.3833, 45.6432,
49.7053


■ 22.1472, 13.1442,
11.8806


■ 48.5696, 53.9145,
57.9122


■ 20.9511, 11.5644,
8.9775


■ 54.3595, 63.2095,
66.8857

 20.1129, 10.5657,
6.6088

 60.7719, 73.5619,
76.6456

 19.5527, 9.9955,
4.7256

 67.8249, 85.0034,
87.2106

 19.5526, 9.9954,
4.7252

 70.5607, 87.6146,
96.9406

 72.4733, 88.3797,
107.0123

Harmonies

Analogous

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



30.2961, 26.6082, 38.1651



31.2412, 26.6082, 29.4759



30.4939, 26.6082, 22.1048

Triad

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



31.2412, 26.6082, 29.4759



22.7626, 26.6082, 17.1173



22.4812, 26.6082, 44.6538

Complementary

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



31.2412, 26.6082, 29.4759



31.5375, 39.7232, 40.6575

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.



20.7151, 26.6082, 37.1314



31.2412, 26.6082, 29.4759



20.8687, 26.6082, 21.3878

Square

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



31.2412, 26.6082, 29.4759



25.4657, 26.6082, 15.8315



20.1476, 26.6082, 28.4735



25.1157, 26.6082, 47.8985

Rectangle

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



31.2412, 26.6082, 29.4759



29.1662, 26.6082, 18.6824



20.1476, 26.6082, 28.4735



21.7740, 26.6082, 42.4791

Sweetspot

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



31.2419, 26.6094, 29.4764



70.9815, 70.6018, 77.6883



30.7839, 25.9944, 46.5752



15.0981, 14.8760, 16.3912



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.



31.2419, 26.6094, 29.4764



52.9671, 42.6163, 46.8872



31.3793, 28.7911, 23.6436



8.6029, 8.5479, 9.4073



13.6737, 6.9870, 3.4416



0.4573, 0.2307, 0.2509

Inverse Universe

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



31.2419, 26.6094, 29.4764



52.9671, 42.6163, 46.8872



31.2369, 36.5187, 48.5828



8.6029, 8.5479, 9.4073



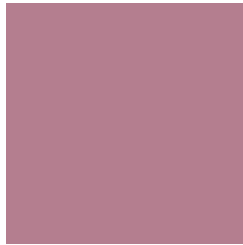
13.6737, 6.9870, 3.4416



0.4573, 0.2307, 0.2509

Previews

White Background



This preview shows how the XYZ color 31.2412, 26.6082, 29.4759 looks on a white background.

Color Contrast Check

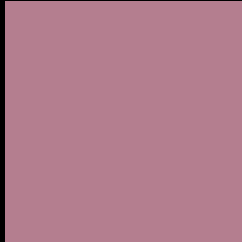
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2412, 26.6082, 29.4759 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 31.2412, 26.6082, 29.4759

Background



This preview shows how black text looks on a background with the XYZ color 31.2412, 26.6082, 29.4759.



This preview shows how white text looks on a background with the XYZ color 31.2412, 26.6082,

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

31.2412, 26.6082, 29.4759

Protanopia

26.0301, 26.6859, 33.4847

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

30.6951, 26.5686, 27.1774

Trichromacy



Original Color

31.2412, 26.6082, 29.4759

Protanomaly

27.6064, 26.4664, 32.0873

Deuteranomaly

28.5799, 26.6206, 29.2231

Tritanomaly

30.8400, 26.6265, 27.9401

Monochromacy



Original Color

31.2412, 26.6082, 29.4759

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8843, 27.0730, 30.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2412, 26.6082, 29.4759 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(180, 126, 143)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 143)  
}
```

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(180, 126, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.2412, 26.6082, 29.4759 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(180, 126, 143) }
```


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

```
.border{ border-color:rgb(180, 126, 143) }
```

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

Here you see how a box with a 4 pixel rgb(180, 126, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 143);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2412, 26.6082, 29.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 143) }
```

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

```
.background{ background-color: rgb(180,  
126, 143) }
```

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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