

Converting Colors

XYZ(29.3099, 26.4319, 18.5960)

Have a look what the booklet for
XYZ(29.3099, 26.4319, 18.5960)
contains.

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Color

**XYZ(29.3099, 26.4319,
18.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	B3816F
RGB	179, 129, 111
RGB Percent	70%, 51%, 44%
CMY	0.2980, 0.4941, 0.5647
CMYK	0.00, 0.28, 0.38, 0.30
HSL	16°, 31%, 57%
HSV	16°, 38%, 70%
XYZ	29.3099, 26.4319, 18.5960
YIQ	141.8980, 35.5780, 5.0020

Conversions

Conversions Part 2

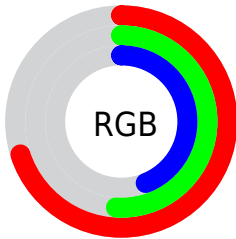
Format	Color
R_YB	179, 135, 111
Decimal	11764079
CIE Lab	58.44, 16.92, 17.39
CIE LCh	58, 24.262, 45.784
Yxy	26.4319, 0.3943, 0.3556
Android (android.graphics.Color)	4289954159 (0xFFB3816F)
YUV	141.8980, -15.2327, 32.5385
Hunter-Lab	51.4120, 11.7917, 14.5428

Details

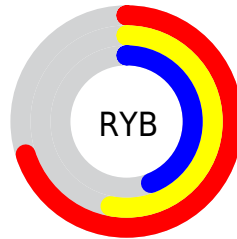
The XYZ color **29.3099, 26.4319, 18.5960** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4366, 32.1228, 47.4021**, and the grayscale version is **25.7199, 27.0593, 29.4676**.

A 20% lighter version of the original color is **57.9309, 53.9331, 42.0072**, and **12.0054, 10.2359, 6.0456** is the 20% darker color. If you saturate the color by 10%, you get **26.7981, 22.8306, 13.3738**, and if you desaturate by 10%, it is **32.2439, 30.5613, 24.9339**.

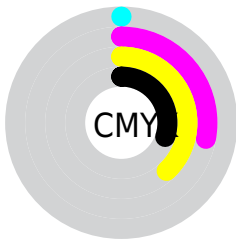
Distribution



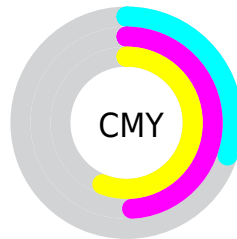
- Red (70%)
- Green (51%)
- Blue (44%)



- Red (70%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3099, 26.4319, 18.5960 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 29.3099, 26.4319, 18.5960 by changing the saturation by 10% instead.

■ 29.3099, 26.4319,
18.5960

■ 29.3099, 26.4319,
18.5960

290.6422,
284.8959, 256.5573

■ 19.4608, 17.1470,
11.2049

■ 57.9633, 53.9709,
41.8779

■ 12.1097, 10.3394,
6.0889

■ 77.4983, 72.9938,
58.6057

■ 6.8912, 5.6245,
2.8296

■ 100.9926, 96.0315,
79.2829

■ 3.4399, 2.6182,
1.0083

■ 128.8117,
123.4684, 104.3279

■ 1.3904, 0.9358,
0.0000

161.3208,
155.6889, 134.1593

■ 0.2494, 0.0000,
0.0000

198.8854,

■ 0.0000, 0.0000,

193.0774, 169.1956

0.0000

241.8708,
236.0182, 209.8554

■ 29.3099, 26.4319,
18.5960

■ 29.3099, 26.4319,
18.5960

■ 26.7981, 22.8306,
13.3738

■ 32.2439, 30.5613,
24.9339

■ 24.6861, 19.7320,
9.2003

■ 35.6170, 35.2355,
32.4459

■ 22.9525, 17.1141,
6.0040


■ 39.4475, 40.4748,
41.1882


■ 21.5727, 14.9517,
3.7034


■ 43.7521, 46.2978,
51.2128


■ 20.5191, 13.2170,
2.2037


■ 48.5466, 52.7217,
62.5688


 19.7525, 11.8762,
1.3547

 53.8462, 59.7634,
75.3027

 19.6227, 11.6483,
1.2141

 59.6653, 67.4389,
89.4588

 66.0177, 75.7637,
105.0792

 70.0394, 83.6017,
107.0530

Harmonies

Analogous

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



31.0150, 26.4319, 24.5649



29.3099, 26.4319, 18.5960



26.5483, 26.4319, 15.6812

Triad

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



29.3099, 26.4319, 18.5960



19.9937, 26.4319, 24.9552



26.7049, 26.4319, 47.5145

Complementary

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



29.3099, 26.4319, 18.5960



27.4366, 32.1228, 47.4021

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.



23.7491, 26.4319, 47.6761



29.3099, 26.4319, 18.5960



20.0284, 26.4319, 33.4513

Square

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



29.3099, 26.4319, 18.5960



21.2558, 26.4319, 18.8331



21.3546, 26.4319, 42.1330



29.4323, 26.4319, 41.7271

Rectangle

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



29.3099, 26.4319, 18.5960



24.5528, 26.4319, 15.4049



21.3546, 26.4319, 42.1330



25.7014, 26.4319, 48.2619

Sweetspot

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



29.3106, 26.4332, 18.5965



68.3648, 69.3768, 68.5150



30.7966, 23.5615, 37.1072



14.9404, 15.0893, 14.7087



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.



29.3106, 26.4332, 18.5965



48.5008, 41.6217, 24.9825



34.3801, 36.5722, 20.2864



8.6733, 8.8591, 8.9054



13.9129, 8.3244, 0.8735



0.4866, 0.3596, 0.0438

Inverse Universe

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



27.4366, 32.1228, 47.4021



44.6176, 53.2974, 84.3170



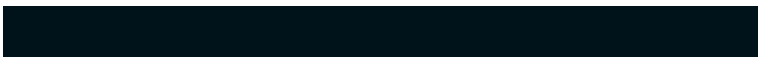
22.4117, 22.0728, 45.7271



8.5485, 9.2432, 10.8399



11.5983, 13.9970, 32.2274



0.4096, 0.5296, 1.0289

Previews

White Background



This preview shows how the XYZ color 29.3099, 26.4319, 18.5960 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 29.3099, 26.4319, 18.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

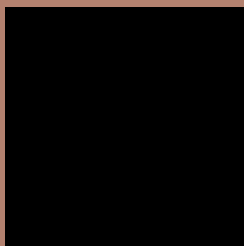
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3099, 26.4319, 18.5960

Background



This preview shows how black text looks on a background with the XYZ color 29.3099, 26.4319, 18.5960.



This preview shows how white text looks on a background with the XYZ color 29.3099, 26.4319,

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

29.3099, 26.4319, 18.5960

Protanopia

25.0717, 26.7003, 20.3552

Deuteranopia

26.9955, 26.4531, 18.4350



Tritanopia

30.8901, 26.4947, 26.4076

Trichromacy



Original Color

29.3099, 26.4319, 18.5960

Protanomaly

26.4801, 26.5798, 19.6544

Deuteranomaly

27.7796, 26.4469, 18.3925

Tritanomaly

30.1777, 26.3884, 23.2416

Monochromacy



Original Color

29.3099, 26.4319, 18.5960

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5600, 26.4986, 25.1876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3099, 26.4319, 18.5960 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(179, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 111)  
}
```

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(179, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 111) }
```

Border

The CSS property to change the border of an element to XYZ 29.3099, 26.4319, 18.5960 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(179, 129, 111) }
```


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

```
.border{ border-color:rgb(179, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(179, 129,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3099, 26.4319, 18.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 111) }
```

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

```
.background{ background-color: rgb(179,  
129, 111) }
```

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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