

Converting Colors

XYZ(29.5482, 26.4422, 18.5660)

Have a look what the booklet for
XYZ(29.5482, 26.4422, 18.5660)
contains.

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Color

**XYZ(29.4108, 26.2893,
18.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	B4806F
RGB	180, 128, 111
RGB Percent	71%, 50%, 44%
CMY	0.2941, 0.4980, 0.5647
CMYK	0.00, 0.29, 0.38, 0.29
HSL	15°, 32%, 57%
HSV	15°, 38%, 71%
XYZ	29.4108, 26.2893, 18.5632
YIQ	141.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

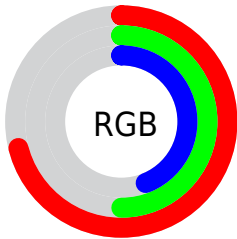
Format	Color
R_{YB}	180, 134, 111
Decimal	11829359
CIE Lab	58.31, 17.88, 17.22
CIE LCh	58, 24.829, 43.920
Yxy	26.2893, 0.3960, 0.3540
Android (android.graphics.Color)	4290019439 (0xFFB4806F)
YUV	141.6100, -15.0907, 33.6680
Hunter-Lab	51.2731, 12.6616, 14.4255

Details

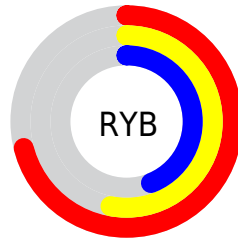
The XYZ color **29.4108, 26.2893, 18.5632** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8905, 32.8681, 48.0542**, and the grayscale version is **25.6053, 26.9388, 29.3363**.

A 20% lighter version of the original color is **58.0598, 53.6966, 41.9547**, and **12.0790, 10.1676, 6.0285** is the 20% darker color. If you saturate the color by 10%, you get **26.8653, 22.6278, 13.3079**, and if you desaturate by 10%, it is **32.3939, 30.5063, 24.9503**.

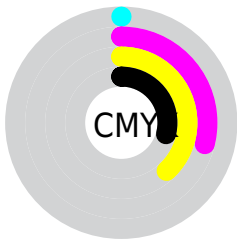
Distribution



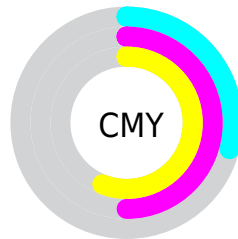
- Red (71%)
- Green (50%)
- Blue (44%)



- Red (71%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4108, 26.2893, 18.5632 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 29.4108, 26.2893, 18.5632 by changing the saturation by 10% instead.


 29.4108, 26.2893,
18.5632


 29.4108, 26.2893,
18.5632


291.1077,
284.1994, 256.3685


 19.5376, 17.0402,
11.1815


 58.1222, 53.7413,
41.8215

 12.1657, 10.2632,
6.0733


 77.6911, 72.7130,
58.5352

 6.9296, 5.5738,
2.8202


 101.2227, 95.6943,
79.1966

 3.4641, 2.5877,
1.0036

 129.0823,
123.0696, 104.2243

 1.4037, 0.9205,
0.0000

161.6352,
155.2234, 134.0368

 0.2588, 0.0000,
0.0000

199.2469,

 0.0000, 0.0000,

192.5401, 169.0526

0.0000

242.2826,
235.4039, 209.6903

■ 29.4108, 26.2893,
18.5632

■ 29.4108, 26.2893,
18.5632

■ 26.8653, 22.6278,
13.3079

■ 32.3939, 30.5063,
24.9503

■ 24.7341, 19.4946,
9.1160

■ 35.8325, 35.2970,
32.5287

■ 22.9944, 16.8657,
5.9145


■ 39.7458, 40.6834,
41.3558


■ 21.6206, 14.7137,
3.6201


■ 44.1514, 46.6854,
51.4846


■ 20.5832, 13.0084,
2.1355


■ 49.0658, 53.3218,
62.9652


 19.8402, 11.7126,
1.3012

 54.5051, 60.6105,
75.8450

 19.7364, 11.5314,
1.1856

 60.4842, 68.5688,
90.1690

 67.0174, 77.2134,
105.9792

 71.0838, 85.3461,
107.3347

Harmonies

Analogous

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



31.0623, 26.2893, 24.8048



29.4108, 26.2893, 18.5632



26.6314, 26.2893, 15.4268

Triad

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



29.4108, 26.2893, 18.5632



19.8093, 26.2893, 24.2582



26.4113, 26.2893, 48.0064

Complementary

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



29.4108, 26.2893, 18.5632



27.8905, 32.8681, 48.0542

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.



23.4120, 26.2893, 47.7776



29.4108, 26.2893, 18.5632



19.7608, 26.2893, 32.8176

Square

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



29.4108, 26.2893, 18.5632



21.1693, 26.2893, 18.2329



21.0310, 26.2893, 41.7895



29.2385, 26.2893, 42.3628

Rectangle

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



29.4108, 26.2893, 18.5632



24.5920, 26.2893, 15.0249



21.0310, 26.2893, 41.7895



25.3866, 26.2893, 48.6442

Sweetspot

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



29.4115, 26.2906, 18.5637



69.9517, 70.8664, 70.1797



31.1988, 23.7492, 38.0145



14.9117, 15.0317, 14.6991



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.



29.4115, 26.2906, 18.5637



49.3760, 41.9917, 25.4737



34.5417, 36.5511, 20.2738



8.6609, 8.8342, 8.9012



13.8205, 8.1397, 0.8427



0.4815, 0.3495, 0.0421

Inverse Universe

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



27.8905, 32.8681, 48.0542



46.2005, 55.5777, 86.5872



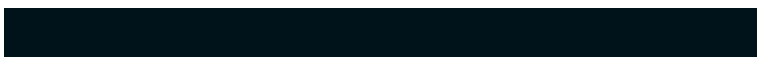
22.6971, 22.4812, 46.3231



8.5618, 9.2697, 10.8443



11.9143, 14.6291, 32.3327



0.4175, 0.5455, 1.0315

Previews

White Background



This preview shows how the XYZ color 29.4108, 26.2893, 18.5632 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 29.4108, 26.2893, 18.5632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

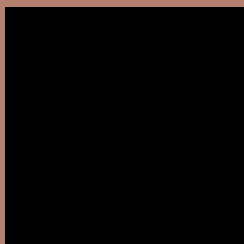
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4108, 26.2893, 18.5632

Background



This preview shows how black text looks on a background with the XYZ color 29.4108, 26.2893, 18.5632.



This preview shows how white text looks on a background with the XYZ color 29.4108, 26.2893,

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

29.4108, 26.2893, 18.5632

Protanopia

24.8017, 26.3364, 20.6059

Deuteranopia

26.7883, 26.3462, 18.4253



Tritanopia

30.9281, 26.3335, 26.0071

Trichromacy



Original Color

29.4108, 26.2893, 18.5632

Protanomaly

26.3959, 26.3197, 19.9087

Deuteranomaly

27.6433, 26.1744, 18.3470

Tritanomaly

30.2828, 26.2518, 23.2097

Monochromacy



Original Color

29.4108, 26.2893, 18.5632

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7527, 26.5979, 25.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4108, 26.2893, 18.5632 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, 128, 111)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 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(180, 128, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 111) }
```

Border

The CSS property to change the border of an element to XYZ 29.4108, 26.2893, 18.5632 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, 128, 111) }
```


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

```
.border{ border-color:rgb(180, 128, 111) }
```

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

Here you see how a box with a 4 pixel rgb(180, 128, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 111);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4108, 26.2893, 18.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 111) }
```

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

```
.background{ background-color: rgb(180,  
128, 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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