

Converting Colors

XYZ(30.1039, 29.4827, 12.0867)

Have a look what the booklet for
XYZ(30.1039, 29.4827, 12.0867)
contains.

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Color

**XYZ(30.1039, 29.4827,
12.0867)**

Conversions

Conversions Part 1

Format	Color
Hex	B58D52
RGB	181, 141, 82
RGB Percent	71%, 55%, 32%
CMY	0.2902, 0.4470, 0.6784
CMYK	0.00, 0.22, 0.55, 0.29
HSL	36°, 40%, 52%
HSV	36°, 55%, 71%
XYZ	30.1039, 29.4827, 12.0867
YIQ	146.2340, 42.7790, -9.8690

Conversions

Conversions Part 2

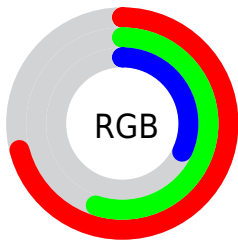
Format	Color
R _Y B	149, 181, 82
Decimal	11898194
CIE Lab	61.21, 8.04, 36.99
CIE LCh	61, 37.857, 77.733
Yxy	29.4827, 0.4200, 0.4113
Android (android.graphics.Color)	4290088274 (0xFFB58D52)
YUV	146.2340, -31.6674, 30.4898
Hunter-Lab	54.2980, 3.9426, 24.8107

Details

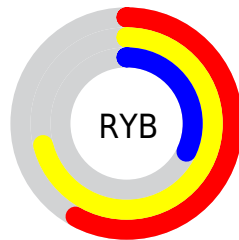
The XYZ color **30.1039, 29.4827, 12.0867** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.7793, 19.0482, 46.4027**, and the grayscale version is **27.5319, 28.9657, 31.5437**.

A 20% lighter version of the original color is **59.3453, 59.0744, 30.4650**, and **12.4873, 11.9576, 3.1633** is the 20% darker color. If you saturate the color by 10%, you get **28.4612, 27.1581, 8.5778**, and if you desaturate by 10%, it is **32.0009, 32.0252, 16.5772**.

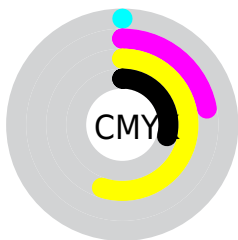
Distribution



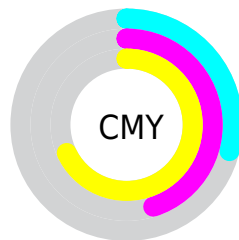
- Red (71%)
- Green (55%)
- Blue (32%)



- Red (58%)
- Yellow (71%)
- Blue (32%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1039, 29.4827, 12.0867 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 30.1039, 29.4827, 12.0867 by changing the saturation by 10% instead.


 30.1039, 29.4827,
12.0867

 30.1039, 29.4827,
12.0867


294.2896,
299.4857, 215.9767

 20.0659, 19.4463,
6.6795


 59.2120, 58.8431,
30.3197

 12.5515, 11.9932,
3.1871


 79.0127, 78.9359,
43.9825


 7.1953, 6.7390,
1.1909


 102.7985,
103.1496, 61.2343

 3.6320, 3.2994,
0.0000

 130.9346,
131.8687, 82.4936

 1.4961, 1.2900,
0.0000

 163.7864,
165.4774, 108.1790

 0.3232, 0.1334,
0.0000

201.7193,

 0.0000, 0.0000,

204.3602, 138.7089

0.0000

245.0986,
248.9015, 174.5020

■ 30.1039, 29.4827,
12.0867

■ 30.1039, 29.4827,
12.0867

■ 28.4612, 27.1581,
8.5778

■ 32.0009, 32.0252,
16.5772

■ 27.0548, 25.0386,
5.9713

■ 34.1643, 34.7893,
22.1167

■ 25.8669, 23.1160,
4.1785

■ 36.6082, 37.7836,
28.7685

■ 24.8758, 21.3793,
3.0912

■ 39.3446, 41.0150,
36.5904

■ 24.4055, 20.5228,
2.6750

■ 42.3849, 44.4901,
45.6362

■ 45.7397, 48.2149,
55.9562

■ 49.4192, 52.1956,
67.5980

■ 53.4331, 56.4376,
80.6066

■ 57.7905, 60.9466,
95.0251

Harmonies

Analogous

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



34.9594, 29.4827, 15.7997



30.1039, 29.4827, 12.0867



25.2094, 29.4827, 12.4426

Triad

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



30.1039, 29.4827, 12.0867



19.8647, 29.4827, 41.1873



35.7121, 29.4827, 54.2717

Complementary

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



30.1039, 29.4827, 12.0867



18.7793, 19.0482, 46.4027

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.



31.0373, 29.4827, 65.8944



30.1039, 29.4827, 12.0867



22.0697, 29.4827, 56.9350

Square

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



30.1039, 29.4827, 12.0867



19.6776, 29.4827, 26.6268



26.0392, 29.4827, 66.9922



38.4449, 29.4827, 38.2798

Rectangle

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



30.1039, 29.4827, 12.0867



22.5678, 29.4827, 14.9472



26.0392, 29.4827, 66.9922



34.2920, 29.4827, 59.0004

Sweetspot

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



30.1046, 29.4841, 12.0873



69.6597, 72.5190, 63.1879



25.6642, 17.2949, 20.8069



14.8365, 15.4169, 13.0234



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.



30.1046, 29.4841, 12.0873



50.3298, 47.6928, 14.0967



35.2251, 42.5125, 14.3321



8.9033, 9.3192, 8.9821



16.8941, 14.2868, 1.8672



0.5870, 0.5604, 0.0772

Inverse Universe

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



18.7793, 19.0482, 46.4027



27.9463, 27.1107, 82.0546



15.5988, 11.5573, 45.1245



8.3144, 8.7750, 10.7619



7.4621, 5.7247, 30.8487



0.2927, 0.2960, 0.9899

Previews

White Background



This preview shows how the XYZ color 30.1039, 29.4827, 12.0867 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 30.1039, 29.4827, 12.0867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

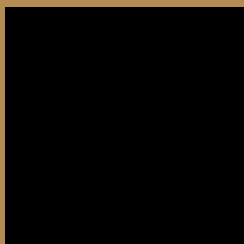
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1039, 29.4827, 12.0867

Background



This preview shows how black text looks on a background with the XYZ color 30.1039, 29.4827, 12.0867.



This preview shows how white text looks on a background with the XYZ color 30.1039, 29.4827,

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

30.1039, 29.4827, 12.0867

Protanopia

27.1299, 29.5171, 12.8618

Deuteranopia

30.1039, 29.4827, 12.0867



Tritanopia

33.8088, 29.5029, 30.2983

Trichromacy



Original Color

30.1039, 29.4827, 12.0867

Protanomaly

28.0878, 29.3259, 12.5676

Deuteranomaly

30.1039, 29.4827, 12.0867

Tritanomaly

32.1640, 29.4621, 22.0807

Monochromacy



Original Color

30.1039, 29.4827, 12.0867

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8465, 28.7475, 22.8200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1039, 29.4827, 12.0867 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(181, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 82)  
}
```

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(181, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 82) }
```

Border

The CSS property to change the border of an element to XYZ 30.1039, 29.4827, 12.0867 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(181, 141, 82) }
```


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

```
.border{ border-color:rgb(181, 141, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1039, 29.4827, 12.0867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 82) }
```

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

```
.background{ background-color: rgb(181,  
141, 82) }
```

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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