

Converting Colors

XYZ(29.4873, 27.9225, 18.2918)

Have a look what the booklet for
XYZ(29.4873, 27.9225, 18.2918)
contains.

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Color

**XYZ(29.4690, 27.9426,
18.3083)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B0886D |
| RGB | 176, 136, 109 |
| RGB Percent | 69%, 53%, 43% |
| CMY | 0.3098, 0.4666, 0.5725 |
| CMYK | 0.00, 0.23, 0.38, 0.31 |
| HSL | 24°, 30%, 56% |
| HSV | 24°, 38%, 69% |
| XYZ | 29.4690, 27.9426, 18.3083 |
| YIQ | 144.8820, 32.5070, 0.0830 |

Conversions

Conversions Part 2

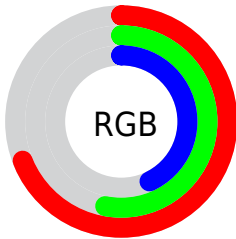
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 176, 154, 109 |
| Decimal | 11569261 |
| CIE _{Lab} | 59.84, 11.53, 20.36 |
| CIE _{LCh} | 60, 23.401, 60.484 |
| Yxy | 27.9426, 0.3892, 0.3690 |
| Android (android.graphics.Color) | 4289759341 (0xFFB0886D) |
| YUV | 144.8820, -17.6898, 27.2905 |
| Hunter-Lab | 52.8608, 7.0045, 16.4675 |

Details

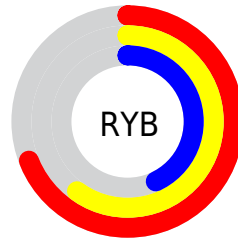
The XYZ color **29.4690, 27.9426, 18.3083** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.8902, 27.8797, 45.1438**, and the grayscale version is **26.9267, 28.3290, 30.8502**.

A 20% lighter version of the original color is **58.2349, 56.2920, 41.5144**, and **12.1961, 11.1301, 5.9204** is the 20% darker color. If you saturate the color by 10%, you get **27.2071, 24.7861, 13.3388**, and if you desaturate by 10%, it is **32.0672, 31.4678, 24.3265**.

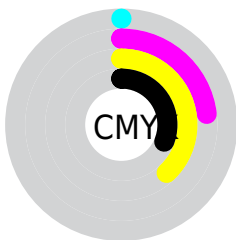
Distribution



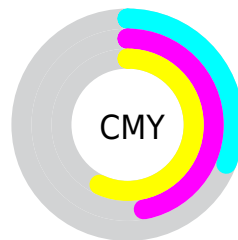
- Red (69%)
- Green (53%)
- Blue (43%)



- Red (69%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4690, 27.9426, 18.3083 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 29.4690, 27.9426, 18.3083 by changing the saturation by 10% instead.


 29.4690, 27.9426,
18.3083


 29.4690, 27.9426,
18.3083


291.3759,
292.1925, 254.8973


 19.5820, 18.2824,
10.9998


 58.2138, 56.3928,
41.3830


 12.1980, 11.1529,
5.9526


 77.8023, 75.9516,
57.9863

 6.9518, 6.1698,
2.7479


 101.3554, 99.5786,
78.5249

 3.4781, 2.9486,
0.9674

 129.2383,
127.6584, 103.4174

 1.4113, 1.1050,
0.0000

161.8164,
160.5753, 133.0824

 0.2643, 0.0000,
0.0000

199.4552,

 0.0000, 0.0000,

198.7137, 167.9383

0.0000

242.5199,
242.4580, 208.4038

■ 29.4690, 27.9426,
18.3083

■ 29.4690, 27.9426,
18.3083

■ 27.2071, 24.7861,
13.3388

■ 32.0672, 31.4678,
24.3265

■ 25.2637, 21.9815,
9.3548

■ 35.0139, 35.3698,
31.4479

■ 23.6226, 19.5163,
6.2892

■ 38.3233, 39.6615,
39.7255

■ 22.2650, 17.3757,
4.0653

■ 42.0083, 44.3539,
49.2080

■ 21.1694, 15.5433,
2.5939

■ 46.0808, 49.4576,
59.9417

■ 20.3035, 13.9982,
1.7295

■ 50.5524, 54.9827,
71.9700

■ 20.1537, 13.7284,
1.5876

■ 55.4342, 60.9389,
85.3346

■ 60.7366, 67.3356,
100.0751

■ 64.4081, 73.3573,
105.3725

Harmonies

Analogous

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



31.7835, 27.9426, 22.8674



29.4690, 27.9426, 18.3083



26.5104, 27.9426, 16.8388

Triad

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



29.4690, 27.9426, 18.3083



21.2535, 27.9426, 30.5629



29.5585, 27.9426, 46.7851

Complementary

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



29.4690, 27.9426, 18.3083



24.8902, 27.8797, 45.1438

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.



26.6068, 27.9426, 49.8575



29.4690, 27.9426, 18.3083



21.9402, 27.9426, 39.4869

Square

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



29.4690, 27.9426, 18.3083



21.8978, 27.9426, 23.0655



23.8464, 27.9426, 46.9692



31.8379, 27.9426, 39.2032

Rectangle

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



29.4690, 27.9426, 18.3083



24.6121, 27.9426, 17.5443



23.8464, 27.9426, 46.9692



28.6051, 27.9426, 48.4363

Sweetspot

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



29.4697, 27.9439, 18.3089



67.5581, 69.4233, 67.1266



28.8141, 22.3440, 31.3119



14.4676, 14.8209, 14.1123



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.



29.4697, 27.9439, 18.3089



49.8301, 45.6409, 25.2288



34.9087, 38.8220, 20.1219



8.7682, 9.0488, 8.9370



14.8414, 10.1813, 1.1830



0.5249, 0.4362, 0.0565

Inverse Universe

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



24.8902, 27.8797, 45.1438



40.2747, 45.4847, 81.1520



20.3543, 18.8079, 43.6318



8.4496, 9.0454, 10.8069



9.5195, 9.8393, 31.5344



0.3549, 0.4203, 1.0107

Previews

White Background



This preview shows how the XYZ color 29.4690, 27.9426, 18.3083 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 29.4690, 27.9426, 18.3083 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 29.4690, 27.9426, 18.3083

Background



This preview shows how black text looks on a background with the XYZ color 29.4690, 27.9426, 18.3083.



This preview shows how white text looks on a background with the XYZ color 29.4690, 27.9426,

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

29.4690, 27.9426, 18.3083

Protanopia

26.2803, 28.0088, 19.6439

Deuteranopia

28.4264, 27.8271, 18.3409



Tritanopia

31.7242, 28.0392, 29.3313

Trichromacy



Original Color

29.4690, 27.9426, 18.3083

Protanomaly

27.3498, 27.9010, 19.2732

Deuteranomaly

28.7192, 27.7661, 18.3137

Tritanomaly

30.7769, 27.8517, 24.8729

Monochromacy



Original Color

29.4690, 27.9426, 18.3083

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5482, 28.0799, 25.7978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4690, 27.9426, 18.3083 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, 136, 109)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 109)  
}
```

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, 136, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 109) }
```

Border

The CSS property to change the border of an element to XYZ 29.4690, 27.9426, 18.3083 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, 136, 109) }
```


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

```
.border{ border-color:rgb(176, 136, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 109);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4690, 27.9426, 18.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 109) }
```

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

```
.background{ background-color: rgb(176,  
136, 109) }
```

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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