

Converting Colors

XYZ(25.7367, 29.1188, 0.6533)

Have a look what the booklet for
XYZ(25.7367, 29.1188, 0.6533)
contains.

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Color

**XYZ(26.3158, 29.2868,
4.2659)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A69400 |
| RGB | 166, 148, 0 |
| RGB Percent | 65%, 58%, 0% |
| CMY | 0.3490, 0.4196, 1.0000 |
| CMYK | 0.00, 0.11, 1.00, 0.35 |
| HSL | 53°, 100%, 33% |
| HSV | 53°, 100%, 65% |
| XYZ | 26.3158, 29.2868, 4.2659 |
| YIQ | 136.5100, 58.2360, -42.2120 |

Conversions

Conversions Part 2

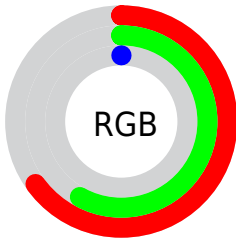
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 20, 166, 0 |
| Decimal | 10916864 |
| CIE Lab | 61.03, -6.16, 64.89 |
| CIE LCh | 61, 65.181, 95.422 |
| Yxy | 29.2868, 0.4396, 0.4892 |
| Android (android.graphics.Color) | 4289106944 (0xFFA69400) |
| YUV | 136.5100, -67.2994, 25.8627 |
| Hunter-Lab | 54.1173, -7.9054, 33.2084 |

Details

The XYZ color **26.3158, 29.2868, 4.2659** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.0994, 3.1860, 36.3169**, and the grayscale version is **23.8243, 25.0651, 27.2959**.

A 20% lighter version of the original color is **53.3416, 58.7165, 14.6529**, and **10.7981, 12.0504, 1.7568** is the 20% darker color. If you saturate the color by 10%, you get **26.3162, 29.2878, 4.2661**, and if you desaturate by 10%, it is **26.6991, 29.8964, 4.8779**.

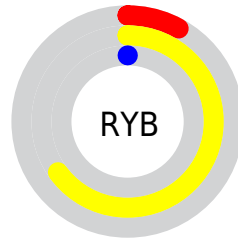
Distribution



Red (65%)

Green (58%)

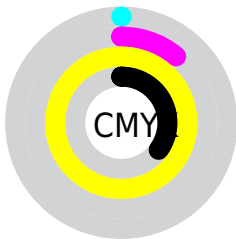
Blue (0%)



Red (8%)

Yellow (65%)

Blue (0%)

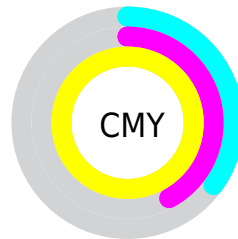


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3158, 29.2868, 4.2659 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 26.3158, 29.2868, 4.2659 by changing the saturation by 10% instead.

■ 26.3158, 29.2868,
4.2659

■ 26.3158, 29.2868,
4.2659

276.5572,
298.5658, 151.1365

■ 17.1940, 19.2979,
1.7723

■ 53.2116, 58.5324,
14.6185

■ 10.4690, 11.8857,
0.4096

■ 71.7164, 78.5580,
23.3146

■ 5.7757, 6.6659,
0.0000

■ 94.0794, 102.6978,
34.9153

■ 2.7485, 3.2541,
0.0000

■ 120.6662,
131.3364, 49.8391

■ 1.0222, 1.2658,
0.0000

■ 151.8420,
164.8581, 68.5046

■ 0.0000, 0.1145,
0.0000

■ 187.9722,

■ 0.0000, 0.0000,

203.6473, 91.3303

0.0000

229.4222,
248.0884, 118.7348

26.3158, 29.2868,
4.2659

26.3158, 29.2868,
4.2659

26.3162, 29.2878,
4.2661

26.6991, 29.8964,
4.8779

27.1673, 30.5460,
5.9185

27.7548, 31.2503,
7.5654

28.4765, 32.0155,
9.8967

29.3449, 32.8465,
12.9792

■ 30.3714, 33.7478,
16.8713

■ 31.5658, 34.7236,
21.6260

■ 32.9375, 35.7775,
27.2916

■ 34.4949, 36.9130,
33.9128

Harmonies

Analogous

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



35.2265, 29.2868, 5.4134



26.3158, 29.2868, 4.2659



19.3750, 29.2868, 6.8906

Triad

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



26.3158, 29.2868, 4.2659



16.5005, 29.2868, 67.5731



45.5636, 29.2868, 55.6728

Complementary

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



26.3158, 29.2868, 4.2659



7.0994, 3.1860, 36.3169

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.



38.4595, 29.2868, 87.4869



26.3158, 29.2868, 4.2659



21.5594, 29.2868, 96.4719

Square

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



26.3158, 29.2868, 4.2659



14.4981, 29.2868, 36.5334



29.4141, 29.2868, 105.1799



47.5529, 29.2868, 27.6547

Rectangle

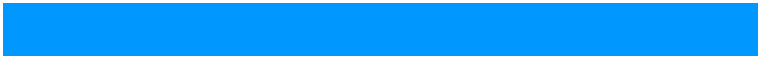
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3158, 29.2868, 4.2659



16.4030, 29.2868, 11.9759



29.4141, 29.2868, 105.1799



43.6325, 29.2868, 66.6428

Sweetspot

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



26.3165, 29.2882, 4.2665



57.1587, 62.9169, 38.7194



15.8467, 8.1555, 1.3720



12.5874, 13.9158, 7.8461



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3165, 29.2882, 4.2665



47.6667, 52.9649, 7.7109



19.1578, 30.1188, 4.8041



8.0764, 8.6328, 8.0299



20.4278, 22.7528, 3.3151



0.5161, 0.5917, 0.0870

Inverse Universe

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



7.0994, 3.1860, 36.3169



12.8083, 5.6295, 65.8868



8.9740, 3.8314, 36.3427



7.1949, 7.4266, 9.4726



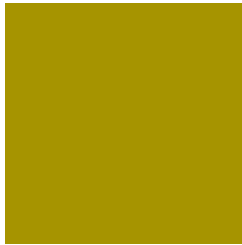
5.5232, 2.5065, 28.1682



0.1539, 0.1000, 0.6918

Previews

White Background



This preview shows how the XYZ color 26.3158, 29.2868, 4.2659 looks on a white background.

Color Contrast Check

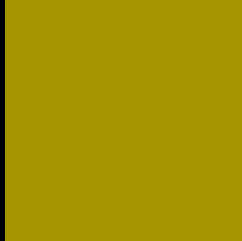
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3158, 29.2868, 4.2659 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 26.3158, 29.2868, 4.2659

Background



This preview shows how black text looks on a background with the XYZ color 26.3158, 29.2868, 4.2659.



This preview shows how white text looks on a background with the XYZ color 26.3158, 29.2868,

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

26.3158, 29.2868, 4.2659

Protanopia

26.3158, 29.2868, 4.2659

Deuteranopia

29.7453, 29.2423, 4.6927



Tritanopia

32.1130, 29.4290, 32.0048

Trichromacy



Original Color

26.3158, 29.2868, 4.2659

Protanomaly

26.3158, 29.2868, 4.2659

Deuteranomaly

28.4792, 29.2552, 4.4936

Tritanomaly

28.7066, 28.9248, 14.6597

Monochromacy



Original Color

26.3158, 29.2868, 4.2659

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4579, 26.0338, 12.8055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3158, 29.2868, 4.2659 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(166, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 148, 0)  
}
```

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(166, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 148, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3158, 29.2868, 4.2659 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(166, 148, 0) }
```


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

```
.border{ border-color:rgb(166, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 148,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3158, 29.2868, 4.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 148, 0) }
```

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

```
.background{ background-color: rgb(166,  
148, 0) }
```

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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