

Converting Colors

XYZ(26.8528, 25.3998, 3.4874)

Have a look what the booklet for
XYZ(26.8528, 25.3998, 3.4874)
contains.

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Color

**XYZ(26.9063, 25.5243,
3.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	B58100
RGB	181, 129, 0
RGB Percent	71%, 51%, 0%
CMY	0.2902, 0.4941, 1.0000
CMYK	0.00, 0.29, 1.00, 0.29
HSL	43°, 100%, 35%
HSV	43°, 100%, 71%
XYZ	26.9063, 25.5243, 3.5086
YIQ	129.8420, 72.4010, -29.0950

Conversions

Conversions Part 2

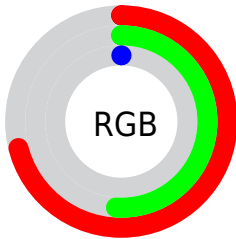
Format	Color
R_{YB}	73, 181, 0
Decimal	11895040
CIE Lab	57.58, 11.14, 63.22
CIE LCh	58, 64.197, 80.010
Yxy	25.5243, 0.4810, 0.4563
Android (android.graphics.Color)	4290085120 (0xFFB58100)
YUV	129.8420, -64.0121, 44.8656
Hunter-Lab	50.5216, 6.6511, 31.2476

Details

The XYZ color **26.9063, 25.5243, 3.5086** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.5687, 5.7926, 44.3294**, and the grayscale version is **21.3645, 22.4771, 24.4776**.

A 20% lighter version of the original color is **54.0778, 52.5863, 12.9302**, and **11.0370, 9.9483, 1.3385** is the 20% darker color. If you saturate the color by 10%, you get **26.9064, 25.5248, 3.5087**, and if you desaturate by 10%, it is **27.7194, 26.9746, 4.3227**.

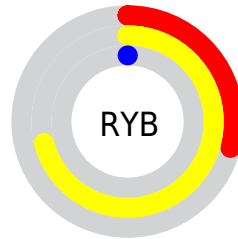
Distribution



Red (71%)

Green (51%)

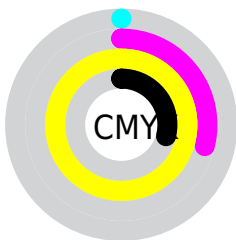
Blue (0%)



Red (29%)

Yellow (71%)

Blue (0%)

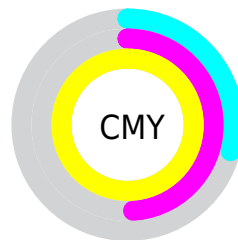


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9063, 25.5243, 3.5086 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 26.9063, 25.5243, 3.5086 by changing the saturation by 10% instead.

■ 26.9063, 25.5243,
3.5086

■ 26.9063, 25.5243,
3.5086

279.3790,
280.4390, 142.5960

■ 17.6391, 16.4681,
1.3598

■ 54.1544, 52.5065,
12.8596

■ 10.7893, 9.8560,
0.1101

■ 72.8660, 71.2013,
20.8989

■ 5.9916, 5.3036,
0.0000

■ 95.4565, 93.8778,
31.7388

■ 2.8806, 2.4265,
0.0000

■ 122.2912,
120.9204, 45.7978

■ 1.0909, 0.8395,
0.0000

■ 153.7354,
152.7134, 63.4945


■ 0.0175, 0.0000,
0.0000


■ 190.1545,


■ 0.0000, 0.0000,


189.6412, 85.2474


0.0000


 231.9140,
232.0883, 111.4750


 26.9063, 25.5243,
3.5086


 26.9063, 25.5243,
3.5086


 26.9064, 25.5248,
3.5087

 27.7194, 26.9746,
4.3227

 28.6688, 28.5350,
5.6827

 29.7941, 30.2230,
7.7916

 31.1141, 32.0471,
10.7471

 32.6451, 34.0145,
14.6319

■ 34.4013, 36.1316,
19.5191

■ 36.3957, 38.4043,
25.4741

■ 38.6400, 40.8381,
32.5572

■ 41.1452, 43.4380,
40.8237

Harmonies

Analogous

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



35.0119, 25.5243, 6.3802



26.9063, 25.5243, 3.5086



19.5603, 25.5243, 4.0108

Triad

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



26.9063, 25.5243, 3.5086



12.8839, 25.5243, 44.8722



37.3872, 25.5243, 64.6769

Complementary

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



26.9063, 25.5243, 3.5086



9.5687, 5.7926, 44.3294

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.



29.6581, 25.5243, 89.2695



26.9063, 25.5243, 3.5086



15.9711, 25.5243, 74.2659

Square

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



26.9063, 25.5243, 3.5086



12.4521, 25.5243, 21.0967



21.7933, 25.5243, 93.4863



41.8520, 25.5243, 35.7714

Rectangle

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



26.9063, 25.5243, 3.5086



15.9681, 25.5243, 6.3838



21.7933, 25.5243, 93.4863



35.0171, 25.5243, 74.2472

Sweetspot

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



26.9069, 25.5256, 3.5091



64.9930, 68.5689, 45.0358



19.7291, 10.0931, 4.4363



13.7178, 14.4493, 8.7355



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.



26.9069, 25.5256, 3.5091



47.9853, 45.3067, 6.2160



28.1658, 39.0491, 6.0530



8.9867, 9.4859, 9.0098



18.6105, 17.7195, 2.4393



0.6325, 0.6514, 0.0924

Inverse Universe

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



9.5687, 5.7926, 44.3294



16.9684, 10.0365, 79.3375



9.0754, 3.7152, 43.9544



8.2342, 8.6147, 10.7351



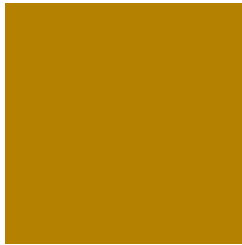
6.6487, 4.0978, 30.5775



0.2604, 0.2314, 0.9792

Previews

White Background



This preview shows how the XYZ color 26.9063, 25.5243, 3.5086 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 26.9063, 25.5243, 3.5086 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 26.9063, 25.5243, 3.5086

Background



This preview shows how black text looks on a background with the XYZ color 26.9063, 25.5243, 3.5086.



This preview shows how white text looks on a background with the XYZ color 26.9063, 25.5243,

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

26.9063, 25.5243, 3.5086

Protanopia

23.1977, 25.6575, 4.0464

Deuteranopia

25.9305, 25.6165, 3.5778



Tritanopia

31.1724, 25.5827, 24.0639

Trichromacy



Original Color

26.9063, 25.5243, 3.5086

Protanomaly

24.4282, 25.4503, 3.8259

Deuteranomaly

26.2478, 25.5797, 3.5540

Tritanomaly

28.6135, 25.0894, 11.3173

Monochromacy



Original Color

26.9063, 25.5243, 3.5086

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9384, 22.9794, 11.4628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9063, 25.5243, 3.5086 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, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 129, 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(181, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 129, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.9063, 25.5243, 3.5086 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, 129, 0) }
```


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

```
.border{ border-color:rgb(181, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 129,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9063, 25.5243, 3.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 129, 0) }
```

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

```
.background{ background-color: rgb(181,  
129, 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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