

Converting Colors

XYZ(26.4851, 25.5444, 3.5346)

Have a look what the booklet for
XYZ(26.4851, 25.5444, 3.5346)
contains.

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Color

**XYZ(26.3427, 25.4302,
3.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	B28200
RGB	178, 130, 0
RGB Percent	70%, 51%, 0%
CMY	0.3020, 0.4902, 1.0000
CMYK	0.00, 0.27, 1.00, 0.30
HSL	44°, 100%, 35%
HSV	44°, 100%, 70%
XYZ	26.3427, 25.4302, 3.5201
YIQ	129.5320, 70.3380, -30.2540

Conversions

Conversions Part 2

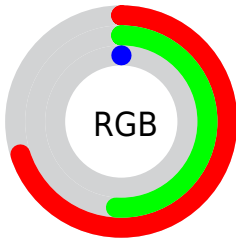
Format	Color
RYB	66, 178, 0
Decimal	11698688
CIELab	57.49, 9.22, 63.00
CIELCh	57, 63.668, 81.675
Yxy	25.4302, 0.4764, 0.4599
Android (android.graphics.Color)	4289888768 (0xFFB28200)
YUV	129.5320, -63.8593, 42.5064
Hunter-Lab	50.4284, 4.9949, 31.1612

Details

The XYZ color **26.3427, 25.4302, 3.5201** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.0930, 5.3286, 42.6684**, and the grayscale version is **21.2545, 22.3614, 24.3515**.

A 20% lighter version of the original color is **53.2676, 52.4738, 12.9512**, and **10.6882, 9.8779, 1.3433** is the 20% darker color. If you saturate the color by 10%, you get **26.3429, 25.4308, 3.5202**, and if you desaturate by 10%, it is **27.1043, 26.7814, 4.3049**.

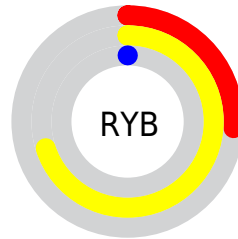
Distribution



Red (70%)

Green (51%)

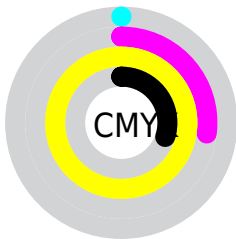
Blue (0%)



Red (26%)

Yellow (70%)

Blue (0%)

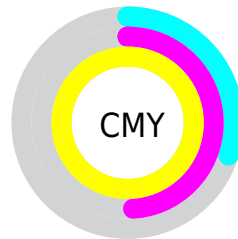


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3427, 25.4302, 3.5201 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 26.3427, 25.4302, 3.5201 by changing the saturation by 10% instead.

■ 26.3427, 25.4302,
3.5201

■ 26.3427, 25.4302,
3.5201

276.6863,
279.9736, 142.7318

■ 17.2142, 16.3979,
1.3659

■ 53.2547, 52.3543,
12.8869

■ 10.4836, 9.8061,
0.1149

■ 71.7688, 71.0148,
20.9366

■ 5.7855, 5.2706,
0.0000

■ 94.1423, 93.6535,
31.7887

■ 2.7545, 2.4069,
0.0000

■ 120.7404,
120.6548, 45.8615


■ 1.0253, 0.8294,
0.0000


■ 151.9285,
152.4031, 63.5737


■ 0.0000, 0.0000,
0.0000


■ 188.0719,


189.2827, 85.3438


 229.5361,
231.6781, 111.5903


 26.3427, 25.4302,
3.5201


 26.3427, 25.4302,
3.5201


 26.3429, 25.4308,
3.5202

 27.1043, 26.7814,
4.3049

 27.9928, 28.2306,
5.6116

 29.0465, 29.7948,
7.6377

 30.2837, 31.4819,
10.4769

 31.7196, 33.2986,
14.2086

■ 33.3680, 35.2510,
18.9026

■ 35.2411, 37.3445,
24.6220

■ 37.3502, 39.5842,
31.4242

■ 39.7057, 41.9749,
39.3626

Harmonies

Analogous

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



34.3815, 25.4302, 6.1562



26.3427, 25.4302, 3.5201



19.1775, 25.4302, 4.1940

Triad

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



26.3427, 25.4302, 3.5201



12.9992, 25.4302, 46.1434



37.5017, 25.4302, 62.4748

Complementary

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



26.3427, 25.4302, 3.5201



9.0930, 5.3286, 42.6684

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.



29.9630, 25.4302, 87.4076



26.3427, 25.4302, 3.5201



16.2126, 25.4302, 75.0376

Square

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



26.3427, 25.4302, 3.5201



12.4278, 25.4302, 22.0751



22.1214, 25.4302, 92.9243



41.6491, 25.4302, 34.1825

Rectangle

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



26.3427, 25.4302, 3.5201



15.7175, 25.4302, 6.7501



22.1214, 25.4302, 92.9243



35.2138, 25.4302, 72.0294

Sweetspot

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



26.3433, 25.4315, 3.5206



63.7197, 67.5171, 44.0592



18.9453, 9.6992, 3.9412



13.7941, 14.6019, 8.7610



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.



26.3433, 25.4315, 3.5206



47.5721, 45.7185, 6.3172



26.6405, 37.3670, 5.8087



8.9994, 9.5113, 9.0141



18.9028, 18.3043, 2.5368



0.6399, 0.6662, 0.0949

Inverse Universe

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



9.0930, 5.3286, 42.6684



16.3265, 9.3368, 77.3228



8.8566, 3.6376, 42.3544



8.2222, 8.5907, 10.7311



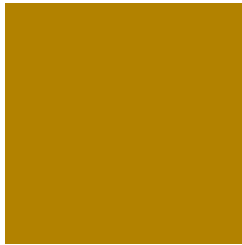
6.5516, 3.9035, 30.5451



0.2555, 0.2216, 0.9775

Previews

White Background



This preview shows how the XYZ color 26.3427, 25.4302, 3.5201 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 26.3427, 25.4302, 3.5201 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 26.3427, 25.4302, 3.5201

Background



This preview shows how black text looks on a background with the XYZ color 26.3427, 25.4302, 3.5201.



This preview shows how white text looks on a background with the XYZ color 26.3427, 25.4302,

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

26.3427, 25.4302, 3.5201

Protanopia

22.9977, 25.5551, 4.0077

Deuteranopia

25.7955, 25.3466, 3.5328



Tritanopia

30.6338, 25.4768, 24.4220

Trichromacy



Original Color

26.3427, 25.4302, 3.5201

Protanomaly

24.1469, 25.5140, 3.8243

Deuteranomaly

26.0208, 25.4627, 3.5433

Tritanomaly

28.0604, 24.9849, 11.5272

Monochromacy



Original Color

26.3427, 25.4302, 3.5201

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.5766, 22.7928, 11.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3427, 25.4302, 3.5201 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(178, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 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(178, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3427, 25.4302, 3.5201 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(178, 130, 0) }
```


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

```
.border{ border-color:rgb(178, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3427, 25.4302, 3.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 0) }
```

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

```
.background{ background-color: rgb(178,  
130, 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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