

Converting Colors

XYZ(26.2166, 25.9943, 2.8115)

Have a look what the booklet for
XYZ(26.2166, 25.9943, 2.8115)
contains.

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Color

**XYZ(26.2920, 26.0052,
3.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	B08500
RGB	176, 133, 0
RGB Percent	69%, 52%, 0%
CMY	0.3098, 0.4784, 1.0000
CMYK	0.00, 0.24, 1.00, 0.31
HSL	45°, 100%, 35%
HSV	45°, 100%, 69%
XYZ	26.2920, 26.0052, 3.6338
YIQ	130.6950, 68.3210, -32.2470

Conversions

Conversions Part 2

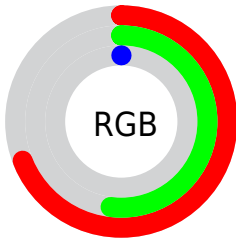
Format	Color
R_{YB}	57, 176, 0
Decimal	11568384
CIE _{Lab}	58.04, 6.64, 63.27
CIE _{LCh}	58, 63.614, 84.010
Yxy	26.0052, 0.4701, 0.4650
Android (android.graphics.Color)	4289758464 (0xFFB08500)
YUV	130.6950, -64.4326, 39.7325
Hunter-Lab	50.9953, 2.7887, 31.4718

Details

The XYZ color **26.2920, 26.0052, 3.6338** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.7006, 4.8627, 41.5538**, and the grayscale version is **21.6710, 22.7996, 24.8288**.

A 20% lighter version of the original color is **53.2252, 53.3803, 13.1284**, and **10.6415, 10.1922, 1.4064** is the 20% darker color. If you saturate the color by 10%, you get **26.2922, 26.0057, 3.6339**, and if you desaturate by 10%, it is **26.9994, 27.2505, 4.3926**.

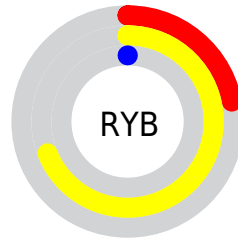
Distribution



Red (69%)

Green (52%)

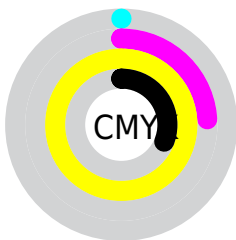
Blue (0%)



Red (22%)

Yellow (69%)

Blue (0%)

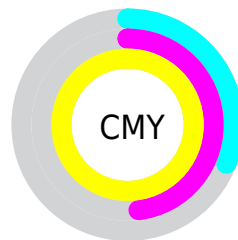


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2920, 26.0052, 3.6338 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 26.2920, 26.0052, 3.6338 by changing the saturation by 10% instead.

■ 26.2920, 26.0052,
3.6338

■ 26.2920, 26.0052,
3.6338

276.4430,
282.8076, 144.0637

■ 17.1760, 16.8275,
1.4267

■ 53.1736, 53.2833,
13.1560

■ 10.4562, 10.1116,
0.1624

■ 71.6699, 72.1526,
21.3081

■ 5.7670, 5.4730,
0.0000

■ 94.0238, 95.0212,
32.2790

■ 2.7432, 2.5274,
0.0000

■ 120.6005,
122.2734, 46.4872

■ 1.0195, 0.8903,
0.0000

■ 151.7654,
154.2938, 64.3512

■ 0.0000, 0.0000,
0.0000

■ 187.8839,

191.4667, 86.2896

229.3213,
234.1765, 112.7209

26.2920, 26.0052,
3.6338

26.2920, 26.0052,
3.6338

26.2922, 26.0057,
3.6339

26.9994, 27.2505,
4.3926

27.8251, 28.5811,
5.6567

28.8067, 30.0135,
7.6203

29.9617, 31.5552,
10.3741

31.3050, 33.2125,
13.9955

■ 32.8499, 34.9911,
18.5522

■ 34.6081, 36.8962,
24.1056

■ 36.5904, 38.9325,
30.7115

■ 38.8071, 41.1045,
38.4217

Harmonies

Analogous

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



34.4599, 26.0052, 6.0189



26.2920, 26.0052, 3.6338



19.1778, 26.0052, 4.5786

Triad

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



26.2920, 26.0052, 3.6338



13.5248, 26.0052, 49.2669



38.7085, 26.0052, 61.1857

Complementary

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



26.2920, 26.0052, 3.6338



8.7006, 4.8627, 41.5538

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.



31.2320, 26.0052, 87.2546



26.2920, 26.0052, 3.6338



17.0092, 26.0052, 78.2300

Square

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



26.2920, 26.0052, 3.6338



12.7390, 26.0052, 24.1233



23.2065, 26.0052, 94.7243



42.5233, 26.0052, 32.9667

Rectangle

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



26.2920, 26.0052, 3.6338



15.8046, 26.0052, 7.4785



23.2065, 26.0052, 94.7243



36.4740, 26.0052, 70.9747

Sweetspot

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



26.2926, 26.0065, 3.6343



62.5889, 66.7289, 43.1378



18.3592, 9.4121, 3.2327



13.2714, 14.1484, 8.4115



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.



26.2926, 26.0065, 3.6343



47.4997, 46.7939, 6.5286



25.0412, 35.9560, 5.6207



9.0177, 9.5479, 9.0202



19.3388, 19.1761, 2.6821



0.6508, 0.6880, 0.0985

Inverse Universe

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



8.7006, 4.8627, 41.5538



15.6302, 8.5199, 75.3160



8.8755, 3.6704, 41.3145



8.2050, 8.5562, 10.7254



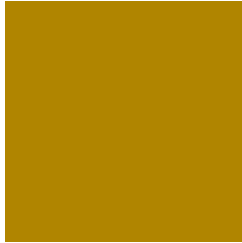
6.4232, 3.6467, 30.5023



0.2485, 0.2076, 0.9752

Previews

White Background



This preview shows how the XYZ color 26.2920, 26.0052, 3.6338 looks on a white background.

Color Contrast Check

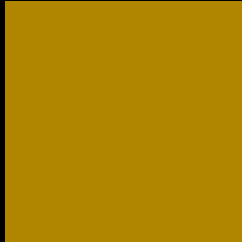
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2920, 26.0052, 3.6338 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 26.2920, 26.0052, 3.6338

Background



This preview shows how black text looks on a background with the XYZ color 26.2920, 26.0052, 3.6338.



This preview shows how white text looks on a background with the XYZ color 26.2920, 26.0052,

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

26.2920, 26.0052, 3.6338

Protanopia

23.5279, 26.0450, 4.0456

Deuteranopia

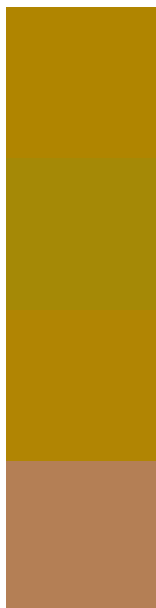
26.5464, 26.1331, 3.7886



Tritanopia

30.7327, 26.0538, 25.5994

Trichromacy



Original Color

26.2920, 26.0052, 3.6338

Protanomaly

24.4956, 25.9038, 3.8812

Deuteranomaly

26.5354, 26.1287, 3.7309

Tritanomaly

28.0515, 25.5379, 12.0452

Monochromacy



Original Color

26.2920, 26.0052, 3.6338

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8452, 23.3301, 11.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2920, 26.0052, 3.6338 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, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 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(176, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2920, 26.0052, 3.6338 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, 133, 0) }
```


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

```
.border{ border-color:rgb(176, 133, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 133, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2920, 26.0052, 3.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 0) }
```

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

```
.background{ background-color: rgb(176,  
133, 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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