

Converting Colors

XYZ(26.9911, 19.6173, 2.3640)

Have a look what the booklet for
XYZ(26.9911, 19.6173, 2.3640)
contains.

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Color

**XYZ(26.8531, 19.5246,
2.3533)**

Conversions

Conversions Part 1

Format	Color
Hex	C55C00
RGB	197, 92, 0
RGB Percent	77%, 36%, 0%
CMY	0.2275, 0.6392, 1.0000
CMYK	0.00, 0.53, 1.00, 0.23
HSL	28°, 100%, 39%
HSV	28°, 100%, 77%
XYZ	26.8531, 19.5246, 2.3533
YIQ	112.9070, 92.1120, -6.3520

Conversions

Conversions Part 2

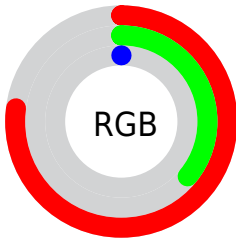
Format	Color
RYB	197, 173, 0
Decimal	12934144
CIELab	51.30, 38.02, 60.32
CIElCh	51, 71.299, 57.775
Yxy	19.5246, 0.5510, 0.4007
Android (android.graphics.Color)	4291124224 (0xFFC55C00)
YUV	112.9070, -55.6632, 73.7496
Hunter-Lab	44.1866, 31.1513, 27.7730

Details

The XYZ color **26.8531, 19.5246, 2.3533** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **15.1293, 14.1338, 54.7536**, and the grayscale version is **15.8100, 16.6334, 18.1137**.

A 20% lighter version of the original color is **52.0828, 41.5543, 9.8332**, and **10.9813, 6.8902, 0.7512** is the 20% darker color. If you saturate the color by 10%, you get **26.8533, 19.5253, 2.3534**, and if you desaturate by 10%, it is **27.9507, 21.5222, 3.3292**.

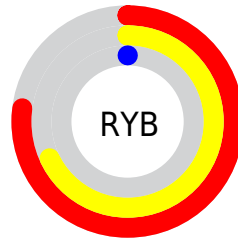
Distribution



Red (77%)

Green (36%)

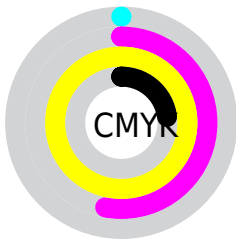
Blue (0%)



Red (77%)

Yellow (68%)

Blue (0%)

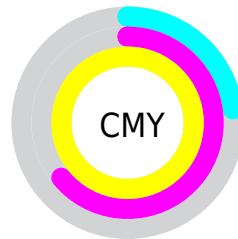


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8531, 19.5246, 2.3533 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 26.8531, 19.5246, 2.3533 by changing the saturation by 10% instead.


 26.8531, 19.5246,
2.3533


 26.8531, 19.5246,
2.3533


279.1257,
249.3297, 127.6419


 17.5989, 12.0500,
0.7608


 54.0696, 42.6187,
9.9860


 10.7604, 6.7777,
0.0000


 72.7627, 59.0069,
16.8772

 5.9720, 3.3235,
0.0000


 95.3327, 79.1351,
26.3765

 2.8686, 1.3028,
0.0000

 122.1452,
103.3877, 38.9023

 1.0847, 0.1434,
0.0000

 153.5653,
132.1491, 54.8732


 0.0122, 0.0000,
0.0000


 189.9586,


 0.0000, 0.0000,


165.8036, 74.7078


0.0000


 231.6902,
204.7357, 98.8245


 26.8531, 19.5246,
2.3533


 26.8531, 19.5246,
2.3533


 26.8533, 19.5253,
2.3534

 27.9507, 21.5222,
3.3292

 29.3045, 23.8309,
5.0101

 30.9637, 26.4787,
7.6308

 32.9557, 29.4834,
11.3137

 35.3041, 32.8612,
16.1626

■ 38.0299, 36.6270,
22.2685

■ 41.1523, 40.7946,
29.7135

■ 44.6891, 45.3770,
38.5726

■ 48.6568, 50.3865,
48.9150

Harmonies

Analogous

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



33.4896, 19.5246, 7.7265



26.8531, 19.5246, 2.3533



19.0940, 19.5246, 1.2222

Triad

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



26.8531, 19.5246, 2.3533



7.9670, 19.5246, 19.7732



25.6928, 19.5246, 78.2058

Complementary

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



26.8531, 19.5246, 2.3533



15.1293, 14.1338, 54.7536

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.



18.0312, 19.5246, 89.3901



26.8531, 19.5246, 2.3533



8.8920, 19.5246, 45.2510

Square

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



26.8531, 19.5246, 2.3533



9.2214, 19.5246, 6.4604



12.1750, 19.5246, 74.6351



32.7081, 19.5246, 49.7541

Rectangle

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



26.8531, 19.5246, 2.3533



14.6856, 19.5246, 1.5175



12.1750, 19.5246, 74.6351



23.0564, 19.5246, 84.6786

Sweetspot

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



26.8535, 19.5257, 2.3536



73.4304, 72.7029, 52.5460



25.5791, 12.8916, 14.5232



15.1888, 14.8614, 9.9711



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.8535, 19.5257, 2.3536



47.8478, 34.4756, 4.1326



41.5331, 48.8849, 7.2468



11.0354, 11.4399, 11.1893



17.7448, 13.0068, 1.5753



0.9125, 0.7605, 0.0987

Inverse Universe

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



15.1293, 14.1338, 54.7536



26.8412, 24.8023, 97.9804



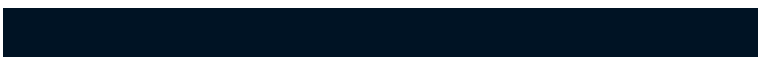
10.1493, 4.1739, 53.0936



10.5169, 11.2078, 13.5265



10.0354, 9.4648, 36.0423



0.5472, 0.5922, 1.7306

Previews

White Background



This preview shows how the XYZ color 26.8531, 19.5246, 2.3533 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 26.8531, 19.5246, 2.3533 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 26.8531, 19.5246, 2.3533

Background



This preview shows how black text looks on a background with the XYZ color 26.8531, 19.5246, 2.3533.



This preview shows how white text looks on a background with the XYZ color 26.8531, 19.5246,

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

26.8531, 19.5246, 2.3533

Protanopia

17.8396, 19.6986, 3.4342

Deuteranopia

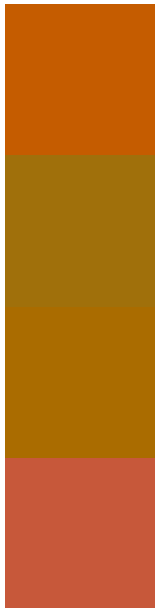
19.8789, 19.6911, 2.7530



Tritanopia

29.0355, 19.6903, 12.1678

Trichromacy



Original Color

26.8531, 19.5246, 2.3533

Protanomaly

20.3518, 19.0861, 2.9279

Deuteranomaly

21.9401, 19.2712, 2.5633

Tritanomaly

27.8066, 19.4270, 6.2872

Monochromacy



Original Color

26.8531, 19.5246, 2.3533

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.7229, 16.5003, 8.3817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8531, 19.5246, 2.3533 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(197, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 92, 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(197, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 92, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8531, 19.5246, 2.3533 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(197, 92, 0) }
```


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

```
.border{ border-color:rgb(197, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(197, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8531, 19.5246, 2.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 92, 0) }
```

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

```
.background{ background-color: rgb(197, 92,  
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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