

Converting Colors

XYZ(25.9358, 19.8828, 2.4708)

Have a look what the booklet for
XYZ(25.9358, 19.8828, 2.4708)
contains.

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Color

**XYZ(25.8535, 19.8117,
2.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6200
RGB	191, 98, 0
RGB Percent	75%, 38%, 0%
CMY	0.2510, 0.6157, 1.0000
CMYK	0.00, 0.49, 1.00, 0.25
HSL	31°, 100%, 37%
HSV	31°, 100%, 75%
XYZ	25.8535, 19.8117, 2.4614
YIQ	114.6350, 86.8860, -10.7620

Conversions

Conversions Part 2

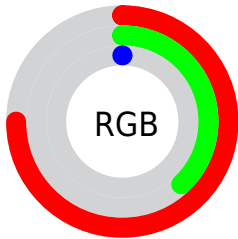
Format	Color
R_{YB}	181, 191, 0
Decimal	12542464
CIE Lab	51.62, 32.48, 60.04
CIE LCh	52, 68.265, 61.586
Yxy	19.8117, 0.5372, 0.4117
Android (android.graphics.Color)	4290732544 (0xFFBF6200)
YUV	114.6350, -56.5151, 66.9721
Hunter-Lab	44.5103, 25.7873, 27.8785

Details

The XYZ color **25.8535, 19.8117, 2.4614** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.3181, 11.5900, 50.8249**, and the grayscale version is **16.3331, 17.1837, 18.7130**.

A 20% lighter version of the original color is **52.3116, 43.0542, 10.2558**, and **10.3042, 6.9425, 0.7969** is the 20% darker color. If you saturate the color by 10%, you get **25.8537, 19.8123, 2.4615**, and if you desaturate by 10%, it is **26.8937, 21.7029, 3.3924**.

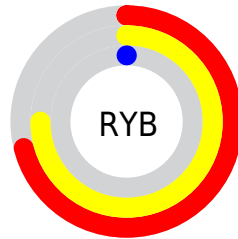
Distribution



Red (75%)

Green (38%)

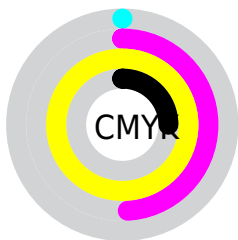
Blue (0%)



Red (71%)

Yellow (75%)

Blue (0%)

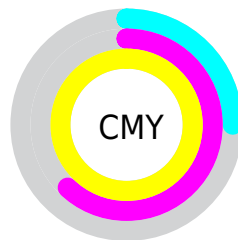


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8535, 19.8117, 2.4614 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 25.8535, 19.8117, 2.4614 by changing the saturation by 10% instead.

■ 25.8535, 19.8117,
2.4614

■ 25.8535, 19.8117,
2.4614

274.3321,
250.8939, 129.1738

■ 16.8462, 12.2582,
0.8196

■ 52.4715, 43.1013,
10.2677

■ 10.2195, 6.9198,
0.0000

■ 70.8129, 59.6062,
17.2763

■ 5.6081, 3.4120,
0.0000

■ 92.9963, 79.8636,
26.9134

■ 2.6467, 1.3504,
0.0000

■ 119.3872,
104.2581, 39.5974


■ 0.9698, 0.1797,
0.0000


■ 150.3509,
133.1740, 55.7469


■ 0.0000, 0.0000,
0.0000


■ 186.2527,


166.9957, 75.7805


 227.4580,
206.1075, 100.1166


 25.8535, 19.8117,
2.4614


 25.8535, 19.8117,
2.4614


 25.8537, 19.8123,
2.4615

 26.8937, 21.7029,
3.3924

 28.1542, 23.8483,
4.9704

 29.6805, 26.2721,
7.4176

 31.4968, 28.9887,
10.8468

 33.6240, 32.0112,
15.3537

■ 36.0806, 35.3513,
21.0224

■ 38.8836, 39.0202,
27.9286

■ 42.0485, 43.0282,
36.1414

■ 45.5898, 47.3851,
45.7250

Harmonies

Analogous

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



32.4987, 19.8117, 7.1893



25.8535, 19.8117, 2.4614



18.4665, 19.8117, 1.5387

Triad

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



25.8535, 19.8117, 2.4614



8.4597, 19.8117, 22.6376



26.6451, 19.8117, 72.6241

Complementary

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



25.8535, 19.8117, 2.4614



13.3181, 11.5900, 50.8249

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.



19.1991, 19.8117, 85.9409



25.8535, 19.8117, 2.4614



9.6591, 19.8117, 48.1268

Square

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



25.8535, 19.8117, 2.4614



9.4263, 19.8117, 8.0985



13.2105, 19.8117, 75.0059



33.0286, 19.8117, 45.0908

Rectangle

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



25.8535, 19.8117, 2.4614



14.3703, 19.8117, 2.0395



13.2105, 19.8117, 75.0059



24.1294, 19.8117, 79.4684

Sweetspot

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



25.8539, 19.8128, 2.4617



69.3872, 69.5587, 49.3778



23.5742, 11.9118, 12.0032



14.7520, 14.6451, 9.6325



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.8539, 19.8128, 2.4617



46.0601, 34.9954, 4.3272



40.1163, 48.3375, 7.2159



9.9240, 10.3240, 10.0463



17.0718, 13.1824, 1.6447



0.7340, 0.6469, 0.0862

Inverse Universe

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



13.3181, 11.5900, 50.8249



23.6111, 20.2742, 90.9480



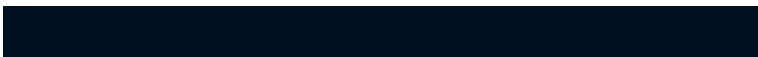
9.4040, 3.7617, 49.5202



9.3896, 9.9715, 12.1020



8.8325, 7.7766, 33.4284



0.4115, 0.4356, 1.3313

Previews

White Background



This preview shows how the XYZ color 25.8535, 19.8117, 2.4614 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 25.8535, 19.8117, 2.4614 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 25.8535, 19.8117, 2.4614

Background



This preview shows how black text looks on a background with the XYZ color 25.8535, 19.8117, 2.4614.



This preview shows how white text looks on a background with the XYZ color 25.8535, 19.8117,

2.4614.

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

25.8535, 19.8117, 2.4614

Protanopia

17.9486, 19.9417, 3.3933

Deuteranopia

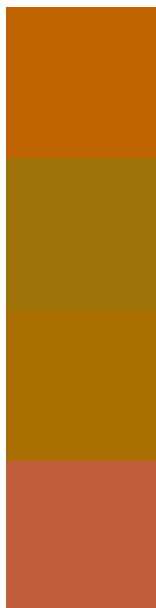
20.0716, 19.7905, 2.7621



Tritanopia

28.1469, 19.8146, 13.6504

Trichromacy



Original Color

25.8535, 19.8117, 2.4614

Protanomaly

20.2861, 19.5525, 2.9920

Deuteranomaly

21.9381, 19.5869, 2.6244

Tritanomaly

26.8645, 19.6907, 6.9422

Monochromacy



Original Color

25.8535, 19.8117, 2.4614

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.9989, 17.2580, 8.6858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8535, 19.8117, 2.4614 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(191, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 98, 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(191, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8535, 19.8117, 2.4614 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(191, 98, 0) }
```


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

```
.border{ border-color:rgb(191, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8535, 19.8117, 2.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 98, 0) }
```

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

```
.background{ background-color: rgb(191, 98,  
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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