

Converting Colors

XYZ(26.0047, 20.0207, 2.4938)

Have a look what the booklet for
XYZ(26.0047, 20.0207, 2.4938)
contains.

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Color

**XYZ(25.9477, 20.0000,
2.4928)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6300
RGB	191, 99, 0
RGB Percent	75%, 39%, 0%
CMY	0.2510, 0.6117, 1.0000
CMYK	0.00, 0.48, 1.00, 0.25
HSL	31°, 100%, 37%
HSV	31°, 100%, 75%
XYZ	25.9477, 20.0000, 2.4928
YIQ	115.2220, 86.6110, -11.2850

Conversions

Conversions Part 2

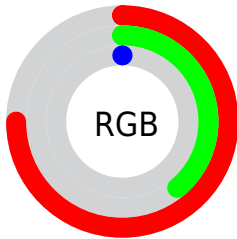
Format	Color
R_{YB}	177, 191, 0
Decimal	12542720
CIE Lab	51.84, 31.96, 60.17
CIE LCh	52, 68.130, 62.028
Yxy	20.0000, 0.5357, 0.4129
Android (android.graphics.Color)	4290732800 (0xFFBF6300)
YUV	115.2220, -56.8044, 66.4573
Hunter-Lab	44.7214, 25.3048, 28.0001

Details

The XYZ color **25.9477, 20.0000, 2.4928** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.2311, 11.4158, 50.7960**, and the grayscale version is **16.5127, 17.3727, 18.9188**.

A 20% lighter version of the original color is **52.4718, 43.3747, 10.3092**, and **10.3465, 7.0270, 0.8110** is the 20% darker color. If you saturate the color by 10%, you get **25.9478, 20.0005, 2.4929**, and if you desaturate by 10%, it is **26.9884, 21.8922, 3.4240**.

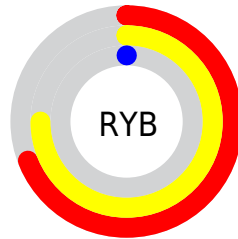
Distribution



Red (75%)

Green (39%)

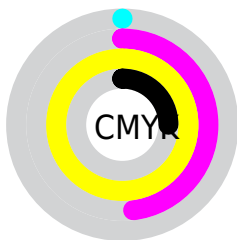
Blue (0%)



Red (69%)

Yellow (75%)

Blue (0%)

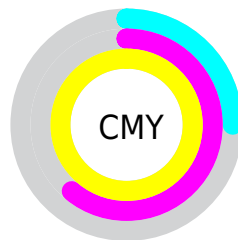


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9477, 20.0000, 2.4928 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 25.9477, 20.0000, 2.4928 by changing the saturation by 10% instead.

■ 25.9477, 20.0000,
2.4928

■ 25.9477, 20.0000,
2.4928

274.7867,
251.9151, 129.6126

■ 16.9170, 12.3950,
0.8363

■ 52.6225, 43.4172,
10.3489

■ 10.2703, 7.0133,
0.0000

■ 70.9972, 59.9982,
17.3912

■ 5.6422, 3.4704,
0.0000

■ 93.2174, 80.3400,
27.0677

■ 2.6673, 1.3820,
0.0000

■ 119.6483,
104.8271, 39.7970


■ 0.9804, 0.2034,
0.0000


■ 150.6554,
133.8437, 55.9976


■ 0.0000, 0.0000,
0.0000


■ 186.6038,


167.7743, 76.0880


 227.8592,
207.0033, 100.4868


 25.9477, 20.0000,
2.4928


 25.9477, 20.0000,
2.4928


 25.9478, 20.0005,
2.4929

 26.9884, 21.8922,
3.4240

 28.2475, 24.0348,
5.0015

 29.7703, 26.4516,
7.4476

 31.5810, 29.1570,
10.8750

 33.7003, 32.1638,
15.3794

■ 36.1468, 35.4835,
21.0447

■ 38.9372, 39.1272,
27.9468

■ 42.0870, 43.1049,
36.1546

■ 45.6106, 47.4263,
45.7323

Harmonies

Analogous

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



32.6462, 20.0000, 7.1874



25.9477, 20.0000, 2.4928



18.5430, 20.0000, 1.5889

Triad

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



25.9477, 20.0000, 2.4928



8.5823, 20.0000, 23.1513



26.9629, 20.0000, 72.5938

Complementary

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



25.9477, 20.0000, 2.4928



13.2311, 11.4158, 50.7960

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.



19.4835, 20.0000, 86.2425



25.9477, 20.0000, 2.4928



9.8231, 20.0000, 48.8349

Square

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



25.9477, 20.0000, 2.4928



9.5234, 20.0000, 8.3600



13.4333, 20.0000, 75.6408



33.3252, 20.0000, 44.9464

Rectangle

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



25.9477, 20.0000, 2.4928



14.4486, 20.0000, 2.1200



13.4333, 20.0000, 75.6408



24.4413, 20.0000, 79.5304

Sweetspot

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



25.9481, 20.0011, 2.4931



69.4839, 69.7521, 49.4101



23.4315, 11.8547, 11.2518



14.7755, 14.6920, 9.6403



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.



25.9481, 20.0011, 2.4931



46.2282, 35.3315, 4.3832



39.3245, 47.9294, 7.1788



9.9282, 10.3323, 10.0477



17.1337, 13.3063, 1.6653



0.7363, 0.6516, 0.0870

Inverse Universe

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



13.2311, 11.4158, 50.7960



23.4559, 19.9636, 90.8962



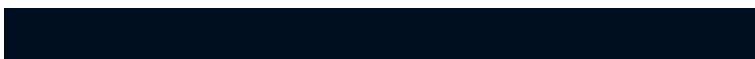
9.4439, 3.7823, 49.5222



9.3855, 9.9632, 12.1006



8.7750, 7.6617, 33.4093



0.4092, 0.4311, 1.3305

Previews

White Background



This preview shows how the XYZ color 25.9477, 20.0000, 2.4928 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 25.9477, 20.0000, 2.4928 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 25.9477, 20.0000, 2.4928

Background



This preview shows how black text looks on a background with the XYZ color 25.9477, 20.0000, 2.4928.



This preview shows how white text looks on a background with the XYZ color 25.9477, 20.0000,

2.4928.

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

25.9477, 20.0000, 2.4928

Protanopia

18.2424, 20.2801, 3.4432

Deuteranopia

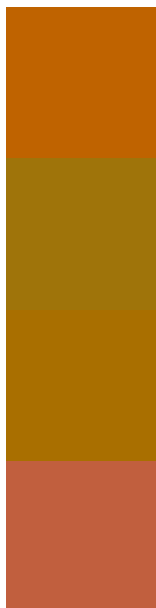
20.3831, 20.1250, 2.8102



Tritanopia

28.2799, 20.0055, 13.9262

Trichromacy



Original Color

25.9477, 20.0000, 2.4928

Protanomaly

20.5983, 19.8836, 3.0394

Deuteranomaly

22.0466, 19.8039, 2.6606

Tritanomaly

26.9540, 19.8697, 6.9720

Monochromacy



Original Color

25.9477, 20.0000, 2.4928

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 25.9477, 20.0000, 2.4928 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, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 99, 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, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 99, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9477, 20.0000, 2.4928 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, 99, 0) }
```


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

```
.border{ border-color:rgb(191, 99, 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, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9477, 20.0000, 2.4928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 99, 0) }
```

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

```
.background{ background-color: rgb(191, 99,  
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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