

Converting Colors

XYZ(26.1276, 20.2664, 2.5347)

Have a look what the booklet for
XYZ(26.1276, 20.2664, 2.5347)
contains.

XYZ(26.0430, 20.1907, 2.5246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0430, 20.1907,
2.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6400
RGB	191, 100, 0
RGB Percent	75%, 39%, 0%
CMY	0.2510, 0.6078, 1.0000
CMYK	0.00, 0.48, 1.00, 0.25
HSL	31°, 100%, 37%
HSV	31°, 100%, 75%
XYZ	26.0430, 20.1907, 2.5246
YIQ	115.8090, 86.3360, -11.8080

Conversions

Conversions Part 2

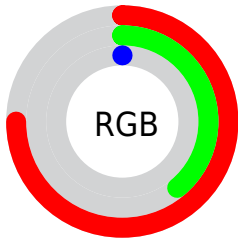
Format	Color
R_{YB}	174, 191, 0
Decimal	12542976
CIE _{Lab}	52.05, 31.43, 60.30
CIE _{LCh}	52, 67.998, 62.474
Yxy	20.1907, 0.5341, 0.4141
Android (android.graphics.Color)	4290733056 (0xFFBF6400)
YUV	115.8090, -57.0938, 65.9425
Hunter-Lab	44.9341, 24.8209, 28.1227

Details

The XYZ color **26.0430, 20.1907, 2.5246** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.1450, 11.2437, 50.7671**, and the grayscale version is **16.6936, 17.5629, 19.1260**.

A 20% lighter version of the original color is **52.6335, 43.6980, 10.3631**, and **10.5439, 7.1929, 0.8327** is the 20% darker color. If you saturate the color by 10%, you get **26.0431, 20.1912, 2.5247**, and if you desaturate by 10%, it is **27.0840, 22.0835, 3.4559**.

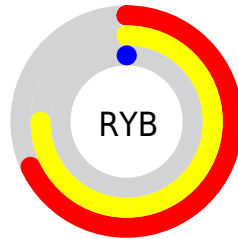
Distribution



Red (75%)

Green (39%)

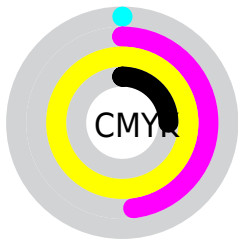
Blue (0%)



Red (68%)

Yellow (75%)

Blue (0%)

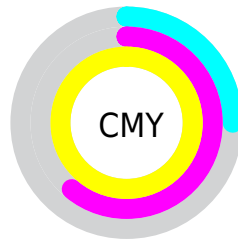


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (61%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0430, 20.1907, 2.5246 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 26.0430, 20.1907, 2.5246 by changing the saturation by 10% instead.


 26.0430, 20.1907,
2.5246


 26.0430, 20.1907,
2.5246


275.2459,
252.9456, 130.0542


 16.9887, 12.5337,
0.8531


 52.7751, 43.7367,
10.4309


 10.3217, 7.1083,
0.0000


 71.1836, 60.3945,
17.5071

 5.6766, 3.5299,
0.0000

 93.4408, 80.8214,
27.2233

 2.6883, 1.4142,
0.0000

 119.9122,
105.4017, 39.9981

 0.9911, 0.2272,
0.0000

 150.9630,
134.5199, 56.2501

 0.0000, 0.0000,
0.0000

 186.9587,

168.5604, 76.3977

■ 228.2645,
207.9075, 100.8596

■ 26.0430, 20.1907,
2.5246

■ 26.0430, 20.1907,
2.5246

■ 26.0431, 20.1912,
2.5247

■ 27.0840, 22.0835,
3.4559

■ 28.3415, 24.2228,
5.0329

■ 29.8606, 26.6324,
7.4778

■ 31.6656, 29.3262,
10.9033

■ 33.7769, 32.3169,
15.4050

■ 36.2130, 35.6160,
21.0670

■ 38.9907, 39.2342,
27.9647

■ 42.1252, 43.1814,
36.1675

■ 45.6310, 47.4672,
45.7393

Harmonies

Analogous

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



32.7954, 20.1907, 7.1856



26.0430, 20.1907, 2.5246



18.6203, 20.1907, 1.6404

Triad

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



26.0430, 20.1907, 2.5246



8.7067, 20.1907, 23.6756



27.2852, 20.1907, 72.5649

Complementary

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



26.0430, 20.1907, 2.5246



13.1450, 11.2437, 50.7671

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.



19.7725, 20.1907, 86.5481



26.0430, 20.1907, 2.5246



9.9898, 20.1907, 49.5543

Square

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



26.0430, 20.1907, 2.5246



9.6217, 20.1907, 8.6285



13.6599, 20.1907, 76.2841



33.6257, 20.1907, 44.8024

Rectangle

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



26.0430, 20.1907, 2.5246



14.5277, 20.1907, 2.2029



13.6599, 20.1907, 76.2841



24.7578, 20.1907, 79.5945

Sweetspot

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



26.0434, 20.1918, 2.5250



69.5810, 69.9462, 49.4424



23.4315, 11.8547, 11.2518



14.7990, 14.7391, 9.6482



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.



26.0434, 20.1918, 2.5250



46.3986, 35.6723, 4.4400



39.3244, 47.9292, 7.1788



9.9323, 10.3406, 10.0491



17.1965, 13.4318, 1.6862



0.7387, 0.6564, 0.0878

Inverse Universe

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



13.1450, 11.2437, 50.7671



23.3025, 19.6569, 90.8451



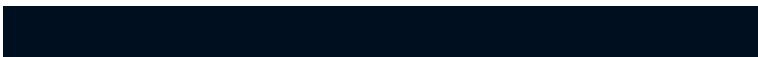
9.4439, 3.7823, 49.5220



9.3813, 9.9550, 12.0993



8.7182, 7.5480, 33.3903



0.4070, 0.4267, 1.3298

Previews

White Background



This preview shows how the XYZ color 26.0430, 20.1907, 2.5246 looks on a white background.

Color Contrast Check

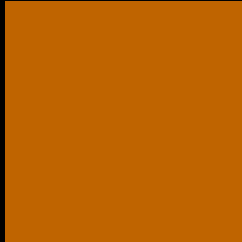
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0430, 20.1907, 2.5246 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 26.0430, 20.1907, 2.5246

Background



This preview shows how black text looks on a background with the XYZ color 26.0430, 20.1907, 2.5246.



This preview shows how white text looks on a background with the XYZ color 26.0430, 20.1907,

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

26.0430, 20.1907, 2.5246

Protanopia

18.4116, 20.3674, 3.4511

Deuteranopia

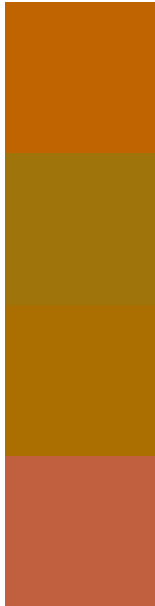
20.5790, 20.2260, 2.8194



Tritanopia

28.4146, 20.1989, 14.2055

Trichromacy



Original Color

26.0430, 20.1907, 2.5246

Protanomaly

20.5983, 19.8836, 3.0394

Deuteranomaly

22.2620, 19.9149, 2.6706

Tritanomaly

27.0724, 20.0621, 7.1481

Monochromacy



Original Color

26.0430, 20.1907, 2.5246

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.1397, 17.4859, 8.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0430, 20.1907, 2.5246 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, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 100, 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, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 100, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.0430, 20.1907, 2.5246 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, 100, 0) }
```


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

```
.border{ border-color:rgb(191, 100, 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, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 100,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0430, 20.1907, 2.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 100, 0) }
```

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

```
.background{ background-color: rgb(191,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor