

Converting Colors

XYZ(26.6084, 20.6101, 2.5769)

Have a look what the booklet for
XYZ(26.6084, 20.6101, 2.5769)
contains.

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Color

**XYZ(26.6460, 20.6448,
2.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	C16500
RGB	193, 101, 0
RGB Percent	76%, 40%, 0%
CMY	0.2431, 0.6039, 1.0000
CMYK	0.00, 0.48, 1.00, 0.24
HSL	31°, 100%, 38%
HSV	31°, 100%, 76%
XYZ	26.6460, 20.6448, 2.5805
YIQ	116.9940, 87.2530, -11.9070

Conversions

Conversions Part 2

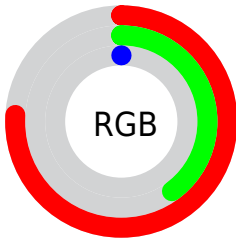
Format	Color
R_{YB}	176, 193, 0
Decimal	12674304
CIE _{Lab}	52.56, 31.73, 60.76
CIE _{LCh}	53, 68.543, 62.424
Yxy	20.6448, 0.5343, 0.4140
Android (android.graphics.Color)	4290864384 (0xFFC16500)
YUV	116.9940, -57.6780, 66.6573
Hunter-Lab	45.4365, 25.1663, 28.4383

Details

The XYZ color **26.6460, 20.6448, 2.5805** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **13.4529, 11.5047, 51.9633**, and the grayscale version is **17.0618, 17.9503, 19.5479**.

A 20% lighter version of the original color is **53.5566, 44.4126, 10.6002**, and **10.7437, 7.3615, 0.8547** is the 20% darker color. If you saturate the color by 10%, you get **26.6461, 20.6452, 2.5805**, and if you desaturate by 10%, it is **27.7105, 22.5818, 3.5282**.

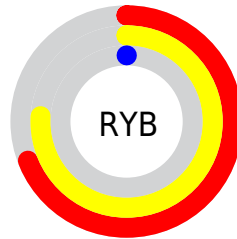
Distribution



Red (76%)

Green (40%)

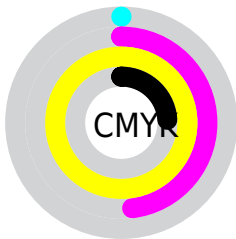
Blue (0%)



Red (69%)

Yellow (76%)

Blue (0%)

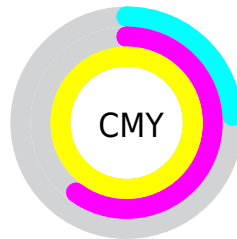


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6460, 20.6448, 2.5805 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 26.6460, 20.6448, 2.5805 by changing the saturation by 10% instead.

■ 26.6460, 20.6448,
2.5805

■ 26.6460, 20.6448,
2.5805

278.1379,
255.3847, 130.8240

■ 17.4427, 12.8646,
0.8824

■ 53.7392, 44.4956,
10.5745

■ 10.6479, 7.3354,
0.0000

■ 72.3598, 61.3351,
17.7097

■ 5.8961, 3.6727,
0.0000

■ 94.8503, 81.9630,
27.4951

■ 2.8221, 1.4922,
0.0000

■ 121.5760,
106.7639, 40.3492


■ 1.0604, 0.2832,
0.0000


■ 152.9023,
136.1222, 56.6906


■ 0.0000, 0.0000,
0.0000


■ 189.1944,


170.4221, 76.9379


 230.8179,
210.0482, 101.5095


 26.6460, 20.6448,
2.5805


 26.6460, 20.6448,
2.5805


 26.6461, 20.6452,
2.5805

 27.7105, 22.5818,
3.5282

 28.9971, 24.7716,
5.1386

 30.5518, 27.2386,
7.6380

 32.3995, 29.9971,
11.1420

 34.5613, 33.0601,
15.7488

■ 37.0561, 36.4394,
21.5447

■ 39.9010, 40.1459,
28.6072

■ 43.1118, 44.1899,
37.0072

■ 46.7032, 48.5812,
46.8104

Harmonies

Analogous

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



33.5514, 20.6448, 7.3552



26.6460, 20.6448, 2.5805



19.0504, 20.6448, 1.6732

Triad

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



26.6460, 20.6448, 2.5805



8.8977, 20.6448, 24.1734



27.8914, 20.6448, 74.2785

Complementary

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



26.6460, 20.6448, 2.5805



13.4529, 11.5047, 51.9633

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.



20.2054, 20.6448, 88.5530



26.6460, 20.6448, 2.5805



10.2062, 20.6448, 50.6397

Square

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



26.6460, 20.6448, 2.5805



9.8372, 20.6448, 8.8010



13.9559, 20.6448, 78.0083



34.3839, 20.6448, 45.8749

Rectangle

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



26.6460, 20.6448, 2.5805



14.8611, 20.6448, 2.2453



13.9559, 20.6448, 78.0083



25.3051, 20.6448, 81.4632

Sweetspot

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



26.6465, 20.6459, 2.5809



71.2076, 71.5742, 50.5836



23.9807, 12.1329, 11.5006



14.7979, 14.7369, 9.6478



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.



26.6465, 20.6459, 2.5809



47.4753, 36.4792, 4.5390



40.2508, 49.0588, 7.3481



10.4996, 10.9305, 10.6183



17.8035, 13.8927, 1.7432



0.8379, 0.7376, 0.0982

Inverse Universe

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



13.4529, 11.5047, 51.9633



23.8507, 20.1180, 92.9864



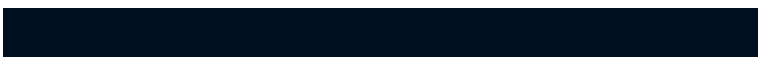
9.6660, 3.8712, 50.6894



9.9155, 10.5222, 12.7932



9.0266, 7.8096, 34.5883



0.4590, 0.4754, 1.5174

Previews

White Background



This preview shows how the XYZ color 26.6460, 20.6448, 2.5805 looks on a white background.

Color Contrast Check

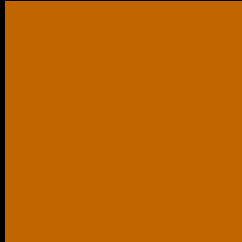
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6460, 20.6448, 2.5805 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 26.6460, 20.6448, 2.5805

Background



This preview shows how black text looks on a background with the XYZ color 26.6460, 20.6448, 2.5805.



This preview shows how white text looks on a background with the XYZ color 26.6460, 20.6448,

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

26.6460, 20.6448, 2.5805

Protanopia

18.7097, 20.7099, 3.5015

Deuteranopia

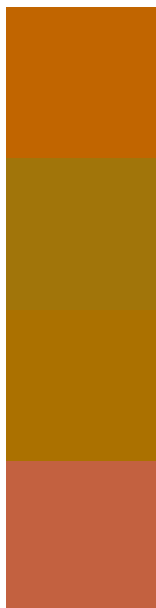
21.0145, 20.8039, 2.9080



Tritanopia

29.0679, 20.6613, 14.5126

Trichromacy



Original Color

26.6460, 20.6448, 2.5805

Protanomaly

21.1140, 20.3216, 3.0968

Deuteranomaly

22.6997, 20.4682, 2.7543

Tritanomaly

27.7058, 20.5217, 7.3513

Monochromacy



Original Color

26.6460, 20.6448, 2.5805

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.5975, 17.8830, 8.9501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6460, 20.6448, 2.5805 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(193, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 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(193, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6460, 20.6448, 2.5805 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(193, 101, 0) }
```


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

```
.border{ border-color:rgb(193, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6460, 20.6448, 2.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 0) }
```

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

```
.background{ background-color: rgb(193,  
101, 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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