

Converting Colors

XYZ(26.5929, 21.1970, 2.6898)

Have a look what the booklet for
XYZ(26.5929, 21.1970, 2.6898)
contains.

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Color

**XYZ(26.5374, 21.1795,
2.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6900
RGB	191, 105, 0
RGB Percent	75%, 41%, 0%
CMY	0.2510, 0.5882, 1.0000
CMYK	0.00, 0.45, 1.00, 0.25
HSL	33°, 100%, 37%
HSV	33°, 100%, 75%
XYZ	26.5374, 21.1795, 2.6894
YIQ	118.7440, 84.9610, -14.4230

Conversions

Conversions Part 2

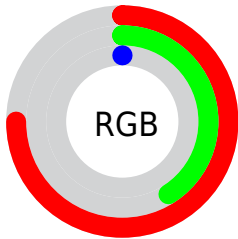
Format	Color
R_{YB}	156, 191, 0
Decimal	12544256
CIE Lab	53.15, 28.76, 60.97
CIE LCh	53, 67.412, 64.750
Yxy	21.1795, 0.5265, 0.4202
Android (android.graphics.Color)	4290734336 (0xFFBF6900)
YUV	118.7440, -58.5408, 63.3685
Hunter-Lab	46.0212, 22.3921, 28.7500

Details

The XYZ color **26.5374, 21.1795, 2.6894** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.7318, 10.4172, 50.6294**, and the grayscale version is **17.6148, 18.5322, 20.1815**.

A 20% lighter version of the original color is **53.4904, 45.3668, 10.7879**, and **10.7742, 7.6536, 0.9094** is the 20% darker color. If you saturate the color by 10%, you get **26.5375, 21.1800, 2.6895**, and if you desaturate by 10%, it is **27.5770, 23.0695, 3.6203**.

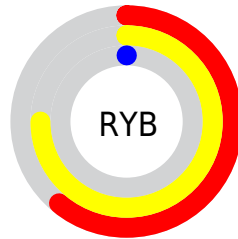
Distribution



Red (75%)

Green (41%)

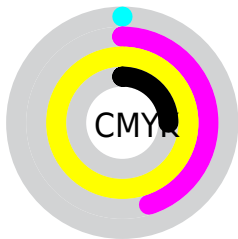
Blue (0%)



Red (61%)

Yellow (75%)

Blue (0%)

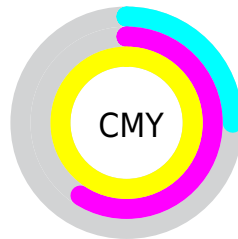


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5374, 21.1795, 2.6894 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 26.5374, 21.1795, 2.6894 by changing the saturation by 10% instead.

■ 26.5374, 21.1795,
2.6894

■ 26.5374, 21.1795,
2.6894

277.6188,
258.2309, 132.3007

■ 17.3609, 13.2553,
0.9381

■ 53.5658, 45.3861,
10.8519

■ 10.5890, 7.6046,
0.0000

■ 72.1484, 62.4372,
18.1004

■ 5.8565, 3.8430,
0.0000

■ 94.5970, 83.2995,
28.0184

■ 2.7978, 1.5861,
0.0000

■ 121.2771,
108.3572, 41.0245


■ 1.0478, 0.3482,
0.0000


■ 152.5540,
137.9948, 57.5373


■ 0.0000, 0.0000,
0.0000


■ 188.7930,


172.5967, 77.9752


 230.3595,
212.5473, 102.7568


 26.5374, 21.1795,
2.6894


 26.5374, 21.1795,
2.6894


 26.5375, 21.1800,
2.6895

 27.5770, 23.0695,
3.6203

 28.8236, 25.1871,
5.1937

 30.3220, 27.5550,
7.6316

 32.0956, 30.1863,
11.0467

 34.1649, 33.0928,
15.5345

■ 36.5476, 36.2851,
21.1786

■ 39.2601, 39.7730,
28.0547

■ 42.3174, 43.5658,
36.2318

■ 45.7336, 47.6723,
45.7738

Harmonies

Analogous

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



33.5687, 21.1795, 7.1774



26.5374, 21.1795, 2.6894



19.0204, 21.1795, 1.9177

Triad

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



26.5374, 21.1795, 2.6894



9.3557, 21.1795, 26.4545



28.9633, 21.1795, 72.4497

Complementary

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



26.5374, 21.1795, 2.6894



12.7318, 10.4172, 50.6294

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.



21.2830, 21.1795, 88.1416



26.5374, 21.1795, 2.6894



10.8638, 21.1795, 53.3181

Square

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



26.5374, 21.1795, 2.6894



10.1311, 21.1795, 10.0751



14.8479, 21.1795, 79.6233



35.1846, 21.1795, 44.0967

Rectangle

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



26.5374, 21.1795, 2.6894



14.9362, 21.1795, 2.6551



14.8479, 21.1795, 79.6233



26.4078, 21.1795, 79.9531

Sweetspot

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



26.5379, 21.1806, 2.6898



70.0695, 70.9232, 49.6052



23.2946, 11.8000, 10.5312



14.9177, 14.9765, 9.6877



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.



26.5379, 21.1806, 2.6898



47.2830, 37.4411, 4.7348



38.5497, 47.5299, 7.1426



9.9532, 10.3823, 10.0560



17.5217, 14.0821, 1.7946



0.7508, 0.6805, 0.0918

Inverse Universe

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



12.7318, 10.4172, 50.6294



22.5673, 18.1864, 90.6000



9.4837, 3.8028, 49.5239



9.3607, 9.9137, 12.0924



8.4451, 7.0019, 33.2993



0.3961, 0.4050, 1.3261

Previews

White Background



This preview shows how the XYZ color 26.5374, 21.1795, 2.6894 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 26.5374, 21.1795, 2.6894 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 26.5374, 21.1795, 2.6894

Background



This preview shows how black text looks on a background with the XYZ color 26.5374, 21.1795, 2.6894.



This preview shows how white text looks on a background with the XYZ color 26.5374, 21.1795,

2.6894.

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

26.5374, 21.1795, 2.6894

Protanopia

19.3143, 21.4050, 3.6038

Deuteranopia

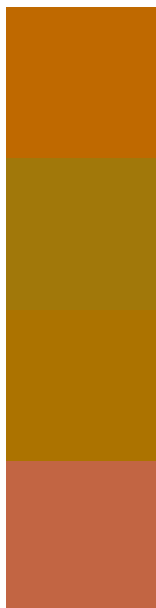
21.5353, 21.2518, 2.9670



Tritanopia

29.4232, 21.3574, 15.9362

Trichromacy



Original Color

26.5374, 21.1795, 2.6894

Protanomaly

21.4692, 21.0319, 3.2152

Deuteranomaly

23.1440, 21.0321, 2.8398

Tritanomaly

27.9149, 21.1819, 7.9274

Monochromacy



Original Color

26.5374, 21.1795, 2.6894

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.9989, 18.5762, 9.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5374, 21.1795, 2.6894 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, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 105, 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, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 105, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5374, 21.1795, 2.6894 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, 105, 0) }
```


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

```
.border{ border-color:rgb(191, 105, 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, 105, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 105,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5374, 21.1795, 2.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 105, 0) }
```

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

```
.background{ background-color: rgb(191,  
105, 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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