

Converting Colors

XYZ(26.4299, 20.8710, 2.6355)

Have a look what the booklet for
XYZ(26.4299, 20.8710, 2.6355)
contains.

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Color

**XYZ(26.3361, 20.7769,
2.6223)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6700
RGB	191, 103, 0
RGB Percent	75%, 40%, 0%
CMY	0.2510, 0.5961, 1.0000
CMYK	0.00, 0.46, 1.00, 0.25
HSL	32°, 100%, 37%
HSV	32°, 100%, 75%
XYZ	26.3361, 20.7769, 2.6223
YIQ	117.5700, 85.5110, -13.3770

Conversions

Conversions Part 2

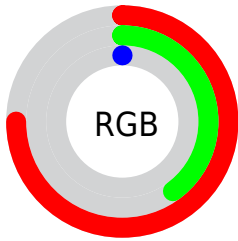
Format	Color
R_{YB}	163, 191, 0
Decimal	12543744
CIE Lab	52.70, 29.83, 60.70
CIE LCh	53, 67.632, 63.830
Yxy	20.7769, 0.5295, 0.4177
Android (android.graphics.Color)	4290733824 (0xFFBF6700)
YUV	117.5700, -57.9620, 64.3981
Hunter-Lab	45.5817, 23.3654, 28.4962

Details

The XYZ color **26.3361, 20.7769, 2.6223** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.8936, 10.7410, 50.6834**, and the grayscale version is **17.2429, 18.1409, 19.7554**.

A 20% lighter version of the original color is **53.1548, 44.6955, 10.6760**, and **10.6792, 7.4636, 0.8778** is the 20% darker color. If you saturate the color by 10%, you get **26.3362, 20.7774, 2.6224**, and if you desaturate by 10%, it is **27.3769, 22.6692, 3.5536**.

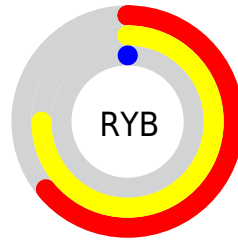
Distribution



Red (75%)

Green (40%)

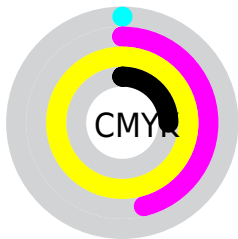
Blue (0%)



Red (64%)

Yellow (75%)

Blue (0%)

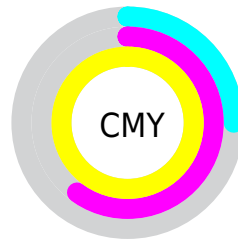


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3361, 20.7769, 2.6223 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 26.3361, 20.7769, 2.6223 by changing the saturation by 10% instead.

■ 26.3361, 20.7769,
2.6223

■ 26.3361, 20.7769,
2.6223

276.6546,
256.0905, 131.3943

■ 17.2092, 12.9610,
0.9039

■ 53.2441, 44.7159,
10.6813

■ 10.4800, 7.4017,
0.0000

■ 71.7560, 61.6079,
17.8602

■ 5.7831, 3.7146,
0.0000

■ 94.1269, 82.2940,
27.6969

■ 2.7530, 1.5152,
0.0000

■ 120.7222,
107.1586, 40.6097

■ 1.0245, 0.2994,
0.0000

■ 151.9073,
136.5862, 57.0174

■ 0.0000, 0.0000,
0.0000

■ 188.0475,

170.9611, 77.3383

■ 229.5081,
210.6677, 101.9911

■ 26.3361, 20.7769,
2.6223

■ 26.3361, 20.7769,
2.6223

■ 26.3362, 20.7774,
2.6224

■ 27.3769, 22.6692,
3.5536

■ 28.6284, 24.7966,
5.1286

■ 30.1356, 27.1822,
7.5695

■ 31.9222, 29.8395,
10.9889

■ 34.0087, 32.7805,
15.4823

■ 36.4131, 36.0162,
21.1337

■ 39.1520, 39.5567,
28.0186

■ 42.2404, 43.4117,
36.2061

■ 45.6925, 47.5902,
45.7600

Harmonies

Analogous

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



33.2540, 20.7769, 7.1804



26.3361, 20.7769, 2.6223



18.8577, 20.7769, 1.8028

Triad

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



26.3361, 20.7769, 2.6223



9.0906, 20.7769, 25.3110



28.2787, 20.7769, 72.4901

Complementary

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



26.3361, 20.7769, 2.6223



12.8936, 10.7410, 50.6834

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.



20.6655, 20.7769, 87.4914



26.3361, 20.7769, 2.6223



10.5060, 20.7769, 51.7791

Square

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



26.3361, 20.7769, 2.6223



9.9237, 20.7769, 9.4752



14.3616, 20.7769, 78.2631



34.5498, 20.7769, 44.3761

Rectangle

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



26.3361, 20.7769, 2.6223



14.7702, 20.7769, 2.4666



14.3616, 20.7769, 78.2631



25.7342, 20.7769, 79.8022

Sweetspot

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



26.3366, 20.7780, 2.6227



69.8734, 70.5310, 49.5399



23.2946, 11.8000, 10.5311



14.8700, 14.8812, 9.6718



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.



26.3366, 20.7780, 2.6227



46.9227, 36.7206, 4.6147



38.5497, 47.5299, 7.1426



9.9448, 10.3656, 10.0533



17.3893, 13.8174, 1.7505



0.7459, 0.6708, 0.0902

Inverse Universe

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



12.8936, 10.7410, 50.6834



22.8551, 18.7621, 90.6960



9.4837, 3.8028, 49.5239



9.3689, 9.9302, 12.0951



8.5521, 7.2160, 33.3350



0.4004, 0.4135, 1.3276

Previews

White Background



This preview shows how the XYZ color 26.3361, 20.7769, 2.6223 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 26.3361, 20.7769, 2.6223 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 26.3361, 20.7769, 2.6223

Background



This preview shows how black text looks on a background with the XYZ color 26.3361, 20.7769, 2.6223.



This preview shows how white text looks on a background with the XYZ color 26.3361, 20.7769,

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

26.3361, 20.7769, 2.6223

Protanopia

19.0106, 21.0558, 3.5524

Deuteranopia

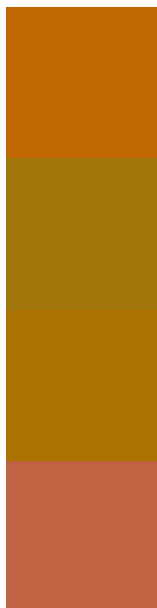
21.2137, 20.9065, 2.9173



Tritanopia

28.8792, 20.8143, 15.3274

Trichromacy



Original Color

26.3361, 20.7769, 2.6223

Protanomaly

21.0304, 20.4524, 3.1264

Deuteranomaly

22.8119, 20.6926, 2.7917

Tritanomaly

27.4375, 20.6545, 7.6949

Monochromacy



Original Color

26.3361, 20.7769, 2.6223

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8522, 18.3380, 9.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3361, 20.7769, 2.6223 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, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 103, 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, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 103, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3361, 20.7769, 2.6223 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, 103, 0) }
```


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

```
.border{ border-color:rgb(191, 103, 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, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 103,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3361, 20.7769, 2.6223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 103, 0) }
```

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

```
.background{ background-color: rgb(191,  
103, 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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