

Converting Colors

XYZ(26.6720, 21.3552, 2.7162)

Have a look what the booklet for
XYZ(26.6720, 21.3552, 2.7162)
contains.

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Color

**XYZ(26.6399, 21.3844,
2.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6A00
RGB	191, 106, 0
RGB Percent	75%, 42%, 0%
CMY	0.2510, 0.5843, 1.0000
CMYK	0.00, 0.44, 1.00, 0.25
HSL	33°, 100%, 37%
HSV	33°, 100%, 75%
XYZ	26.6399, 21.3844, 2.7235
YIQ	119.3310, 84.6860, -14.9460

Conversions

Conversions Part 2

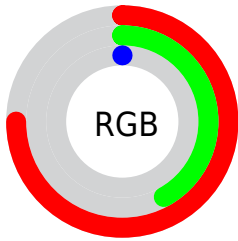
Format	Color
RYB	153, 191, 0
Decimal	12544512
CIELab	53.37, 28.22, 61.11
CIElCh	53, 67.309, 65.214
Yxy	21.3844, 0.5249, 0.4214
Android (android.graphics.Color)	4290734592 (0xFFBF6A00)
YUV	119.3310, -58.8302, 62.8537
Hunter-Lab	46.2433, 21.9049, 28.8784

Details

The XYZ color **26.6399, 21.3844, 2.7235** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.6524, 10.2585, 50.6031**, and the grayscale version is **17.8025, 18.7296, 20.3965**.

A 20% lighter version of the original color is **53.6890, 45.7180, 10.9958**, and **10.8232, 7.7515, 0.9258** is the 20% darker color. If you saturate the color by 10%, you get **26.6401, 21.3850, 2.7236**, and if you desaturate by 10%, it is **27.6786, 23.2726, 3.6541**.

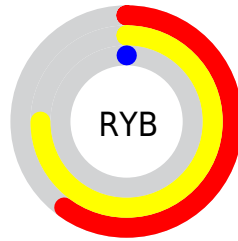
Distribution



Red (75%)

Green (42%)

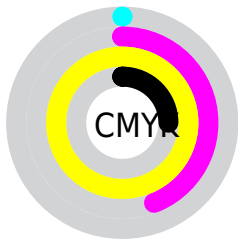
Blue (0%)



Red (60%)

Yellow (75%)

Blue (0%)

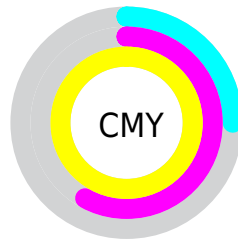


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6399, 21.3844, 2.7235 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 26.6399, 21.3844, 2.7235 by changing the saturation by 10% instead.

 26.6399, 21.3844,
2.7235


 26.6399, 21.3844,
2.7235


278.1088,
259.3144, 132.7571


 17.4381, 13.4053,
0.9552


 53.7295, 45.7264,
10.9382


 10.6446, 7.7082,
0.0000


 72.3480, 62.8581,
18.2217

 5.8939, 3.9088,
0.0000

 94.8361, 83.8094,
28.1807

 2.8207, 1.6227,
0.0000

 121.5593,
108.9647, 41.2337


 1.0597, 0.3728,
0.0000


 152.8827,
138.7085, 57.7994


 0.0000, 0.0000,
0.0000


 189.1719,


173.4251, 78.2961


 230.7921,
213.4989, 103.1425


 26.6399, 21.3844,
2.7235


 26.6399, 21.3844,
2.7235


 26.6401, 21.3850,
2.7236

 27.6786, 23.2726,
3.6541

 28.9225, 25.3847,
5.2265

 30.4161, 27.7432,
7.6628

 32.1831, 30.3611,
11.0756

 34.2434, 33.2499,
15.5603

■ 36.6151, 36.4201,
21.2007

■ 39.3143, 39.8814,
28.0723

■ 42.3559, 43.6429,
36.2441

■ 45.7540, 47.7132,
45.7799

Harmonies

Analogous

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



33.7289, 21.3844, 7.1760



26.6399, 21.3844, 2.7235



19.1031, 21.3844, 1.9772

Triad

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



26.6399, 21.3844, 2.7235



9.4910, 21.3844, 27.0426



29.3124, 21.3844, 72.4329

Complementary

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



26.6399, 21.3844, 2.7235



12.6524, 10.2585, 50.6031

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.



21.5984, 21.3844, 88.4738



26.6399, 21.3844, 2.7235



11.0468, 21.3844, 54.1050

Square

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



26.6399, 21.3844, 2.7235



10.2366, 21.3844, 10.3860



15.0967, 21.3844, 80.3164



35.5079, 21.3844, 43.9586

Rectangle

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



26.6399, 21.3844, 2.7235



15.0205, 21.3844, 2.7533



15.0967, 21.3844, 80.3164



26.7516, 21.3844, 80.0329

Sweetspot

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



26.6404, 21.3855, 2.7239



70.1679, 71.1200, 49.6381



23.1636, 11.7475, 9.8408



14.9417, 15.0244, 9.6957



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.



26.6404, 21.3855, 2.7239



47.4665, 37.8081, 4.7959



37.7924, 47.1396, 7.1071



9.9573, 10.3906, 10.0574



17.5890, 14.2168, 1.8171



0.7533, 0.6855, 0.0926

Inverse Universe

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



12.6524, 10.2585, 50.6031



22.4263, 17.9046, 90.5531



9.5236, 3.8233, 49.5259



9.3566, 9.9055, 12.0910



8.3926, 6.8970, 33.2818



0.3940, 0.4007, 1.3254

Previews

White Background



This preview shows how the XYZ color 26.6399, 21.3844, 2.7235 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 26.6399, 21.3844, 2.7235 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 26.6399, 21.3844, 2.7235

Background



This preview shows how black text looks on a background with the XYZ color 26.6399, 21.3844, 2.7235.



This preview shows how white text looks on a background with the XYZ color 26.6399, 21.3844,

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

26.6399, 21.3844, 2.7235

Protanopia

19.3070, 21.4021, 3.5654

Deuteranopia

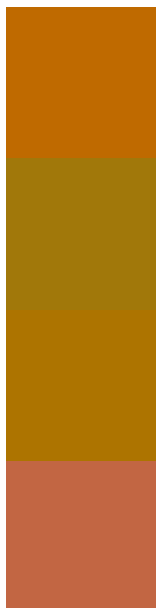
21.8598, 21.6004, 3.0172



Tritanopia

29.5690, 21.5664, 16.2399

Trichromacy



Original Color

26.6399, 21.3844, 2.7235

Protanomaly

21.4692, 21.0319, 3.2152

Deuteranomaly

23.4790, 21.3750, 2.8883

Tritanomaly

28.0126, 21.3773, 7.9600

Monochromacy



Original Color

26.6399, 21.3844, 2.7235

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 26.6399, 21.3844, 2.7235 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, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 106, 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, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 106, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6399, 21.3844, 2.7235 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, 106, 0) }
```


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

```
.border{ border-color:rgb(191, 106, 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, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 106,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6399, 21.3844, 2.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 106, 0) }
```

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

```
.background{ background-color: rgb(191,  
106, 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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