

Converting Colors

XYZ(26.8458, 21.7028, 2.7741)

Have a look what the booklet for
XYZ(26.8458, 21.7028, 2.7741)
contains.

XYZ(26.7436, 21.5918, 2.7581)	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(26.7436, 21.5918,
2.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6B00
RGB	191, 107, 0
RGB Percent	75%, 42%, 0%
CMY	0.2510, 0.5804, 1.0000
CMYK	0.00, 0.44, 1.00, 0.25
HSL	34°, 100%, 37%
HSV	34°, 100%, 75%
XYZ	26.7436, 21.5918, 2.7581
YIQ	119.9180, 84.4110, -15.4690

Conversions

Conversions Part 2

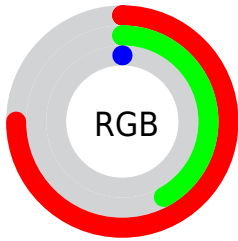
Format	Color
R_{YB}	150, 191, 0
Decimal	12544768
CIE _{Lab}	53.59, 27.68, 61.25
CIE _{LCh}	54, 67.211, 65.682
Yxy	21.5918, 0.5234, 0.4226
Android (android.graphics.Color)	4290734848 (0xFFBF6B00)
YUV	119.9180, -59.1196, 62.3389
Hunter-Lab	46.4670, 21.4167, 29.0077

Details

The XYZ color **26.7436, 21.5918, 2.7581** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.5743, 10.1023, 50.5771**, and the grayscale version is **17.9915, 18.9284, 20.6130**.

A 20% lighter version of the original color is **53.8603, 46.0606, 11.0529**, and **10.8731, 7.8514, 0.9424** is the 20% darker color. If you saturate the color by 10%, you get **26.7437, 21.5923, 2.7582**, and if you desaturate by 10%, it is **27.7813, 23.4779, 3.6883**.

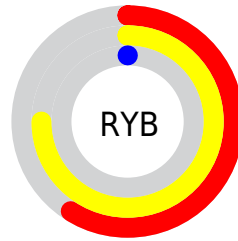
Distribution



Red (75%)

Green (42%)

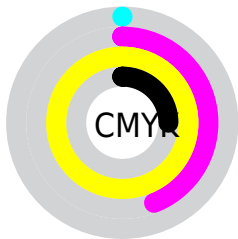
Blue (0%)



Red (59%)

Yellow (75%)

Blue (0%)

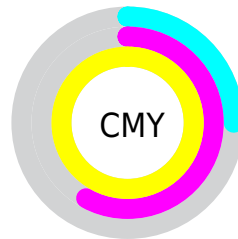


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7436, 21.5918, 2.7581 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 26.7436, 21.5918, 2.7581 by changing the saturation by 10% instead.

 26.7436, 21.5918,
2.7581


 26.7436, 21.5918,
2.7581


278.6038,
260.4071, 133.2174


 17.5163, 13.5573,
0.9725


 53.8950, 46.0704,
11.0255


 10.7009, 7.8134,
0.0000


 72.5498, 63.2833,
18.3443

 5.9319, 3.9758,
0.0000


 95.0778, 84.3243,
28.3446

 2.8440, 1.6600,
0.0000

 121.8444,
109.5781, 41.4450

 1.0718, 0.3976,
0.0000

 153.2149,
139.4288, 58.0639


 0.0013, 0.0000,
0.0000


 189.5548,


 0.0000, 0.0000,

174.2609, 78.6199


0.0000


 231.2293,
214.4589, 103.5316


 26.7436, 21.5918,
2.7581


 26.7436, 21.5918,
2.7581

 26.7437, 21.5923,
2.7582

 27.7813, 23.4779,
3.6883

 29.0222, 25.5841,
5.2598

 30.5110, 27.9329,
7.6946

 32.2711, 30.5371,
11.1052

 34.3225, 33.4080,
15.5869

■ 36.6830, 36.5559,
21.2237

■ 39.3688, 39.9904,
28.0910

■ 42.3948, 43.7204,
36.2576

■ 45.7748, 47.7546,
45.7875

Harmonies

Analogous

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



33.8908, 21.5918, 7.1748



26.7436, 21.5918, 2.7581



19.1867, 21.5918, 2.0382

Triad

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



26.7436, 21.5918, 2.7581



9.6283, 21.5918, 27.6420



29.6662, 21.5918, 72.4174

Complementary

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



26.7436, 21.5918, 2.7581



12.5743, 10.1023, 50.5771

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.



21.9186, 21.5918, 88.8096



26.7436, 21.5918, 2.7581



11.2327, 21.5918, 54.9033

Square

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



26.7436, 21.5918, 2.7581



10.3434, 21.5918, 10.7046



15.3495, 21.5918, 81.0173



35.8349, 21.5918, 43.8213

Rectangle

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



26.7436, 21.5918, 2.7581



15.1057, 21.5918, 2.8544



15.3495, 21.5918, 81.0173



27.1000, 21.5918, 80.1145

Sweetspot

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



26.7441, 21.5930, 2.7585



70.2665, 71.3173, 49.6709



23.1636, 11.7476, 9.8409



14.9657, 15.0724, 9.7037



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.



26.7441, 21.5930, 2.7585



47.6521, 38.1794, 4.8578



37.7924, 47.1396, 7.1072



9.9615, 10.3990, 10.0588



17.6571, 14.3530, 1.8398



0.7558, 0.6905, 0.0934

Inverse Universe

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



12.5743, 10.1023, 50.5771



22.2875, 17.6270, 90.5068



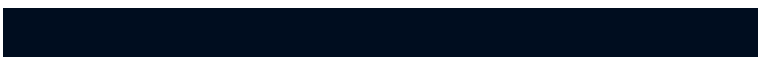
9.5236, 3.8234, 49.5259



9.3525, 9.8972, 12.0896



8.3409, 6.7936, 33.2646



0.3919, 0.3965, 1.3247

Previews

White Background



This preview shows how the XYZ color 26.7436, 21.5918, 2.7581 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 26.7436, 21.5918, 2.7581 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 26.7436, 21.5918, 2.7581

Background



This preview shows how black text looks on a background with the XYZ color 26.7436, 21.5918, 2.7581.



This preview shows how white text looks on a background with the XYZ color 26.7436, 21.5918,

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

26.7436, 21.5918, 2.7581

Protanopia

19.6135, 21.7547, 3.6173

Deuteranopia

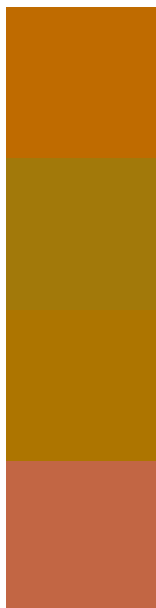
22.0638, 21.7056, 3.0267



Tritanopia

29.6214, 21.5873, 16.5155

Trichromacy



Original Color

26.7436, 21.5918, 2.7581

Protanomaly

21.7925, 21.3780, 3.2649

Deuteranomaly

23.5949, 21.6068, 2.9269

Tritanomaly

28.0429, 21.3894, 8.1194

Monochromacy



Original Color

26.7436, 21.5918, 2.7581

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2893, 18.8943, 9.4678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7436, 21.5918, 2.7581 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, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 107, 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, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 107, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.7436, 21.5918, 2.7581 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, 107, 0) }
```


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

```
.border{ border-color:rgb(191, 107, 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, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 107,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7436, 21.5918, 2.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 107, 0) }
```

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

```
.background{ background-color: rgb(191,  
107, 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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