

Converting Colors

XYZ(26.4295, 21.8156, 2.8179)

Have a look what the booklet for
XYZ(26.4295, 21.8156, 2.8179)
contains.

XYZ(26.4549, 21.7561, 2.8050)	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(26.4549, 21.7561,
2.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6D00
RGB	189, 109, 0
RGB Percent	74%, 43%, 0%
CMY	0.2588, 0.5725, 1.0000
CMYK	0.00, 0.42, 1.00, 0.26
HSL	35°, 100%, 37%
HSV	35°, 100%, 74%
XYZ	26.4549, 21.7561, 2.8050
YIQ	120.4940, 82.6690, -16.9390

Conversions

Conversions Part 2

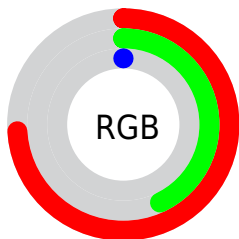
Format	Color
R_{YB}	139, 189, 0
Decimal	12414208
CIE Lab	53.77, 25.74, 61.22
CIE LCh	54, 66.410, 67.199
Yxy	21.7561, 0.5186, 0.4265
Android (android.graphics.Color)	4290604288 (0xFFBD6D00)
YUV	120.4940, -59.4035, 60.0798
Hunter-Lab	46.6434, 19.6144, 29.0849

Details

The XYZ color **26.4549, 21.7561, 2.8050** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.0539, 9.4114, 49.3250**, and the grayscale version is **18.1782, 19.1249, 20.8270**.

A 20% lighter version of the original color is **53.4827, 46.3806, 11.1345**, and **10.7220, 8.0046, 0.9799** is the 20% darker color. If you saturate the color by 10%, you get **26.4551, 21.7567, 2.8051**, and if you desaturate by 10%, it is **27.4647, 23.5893, 3.7175**.

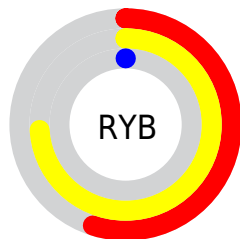
Distribution



Red (74%)

Green (43%)

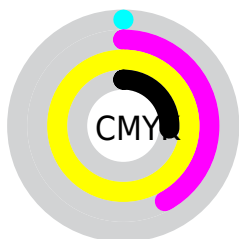
Blue (0%)



Red (55%)

Yellow (74%)

Blue (0%)

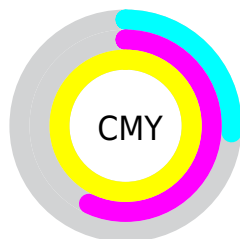


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4549, 21.7561, 2.8050 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 26.4549, 21.7561, 2.8050 by changing the saturation by 10% instead.

 26.4549, 21.7561,
2.8050


 26.4549, 21.7561,
2.8050


277.2240,
261.2699, 133.8369


 17.2987, 13.6778,
0.9959


 53.4340, 46.3426,
11.1434


 10.5443, 7.8969,
0.0000


 71.9876, 63.6195,
18.5097

 5.8263, 4.0291,
0.0000

 94.4045, 84.7314,
28.5656

 2.7794, 1.6898,
0.0000

 121.0498,
110.0628, 41.7296

 1.0382, 0.4171,
0.0000

 152.2891,
139.9979, 58.4202

 0.0000, 0.0000,
0.0000

 188.4877,

174.9212, 79.0559

■ 230.0108,
215.2171, 104.0553

■ 26.4549, 21.7561,
2.8050

■ 26.4549, 21.7561,
2.8050

■ 26.4551, 21.7567,
2.8051

■ 27.4647, 23.5893,
3.7175

■ 28.6671, 25.6259,
5.2527

■ 30.1054, 27.8875,
7.6286

■ 31.8024, 30.3860,
10.9547

■ 33.7773, 33.1321,
15.3239

■ 36.0472, 36.1352,
20.8176

■ 38.6276, 39.4044,
27.5094

■ 41.5328, 42.9479,
35.4664

■ 44.7761, 46.7736,
44.7507

Harmonies

Analogous

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



33.6229, 21.7561, 7.0047



26.4549, 21.7561, 2.8050



19.0088, 21.7561, 2.1914

Triad

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



26.4549, 21.7561, 2.8050



9.8473, 21.7561, 28.9533



30.1161, 21.7561, 70.6988

Complementary

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



26.4549, 21.7561, 2.8050



12.0539, 9.4114, 49.3250

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.



22.4432, 21.7561, 87.8276



26.4549, 21.7561, 2.8050



11.5732, 21.7561, 56.2078

Square

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



26.4549, 21.7561, 2.8050



10.4460, 21.7561, 11.5050



15.8109, 21.7561, 81.3881



36.0530, 21.7561, 42.3786

Rectangle

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



26.4549, 21.7561, 2.8050



15.0275, 21.7561, 3.1231



15.8109, 21.7561, 81.3881



27.5937, 21.7561, 78.5252

Sweetspot

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



26.4554, 21.7573, 2.8054



68.9462, 70.2799, 48.6398



22.5055, 11.4266, 8.9827



14.3952, 14.5720, 9.3250



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4554, 21.7573, 2.8054



47.1387, 38.4811, 4.9431



36.1925, 45.6717, 6.9081



9.9747, 10.4254, 10.0632



17.8769, 14.7927, 1.9131



0.7637, 0.7064, 0.0961

Inverse Universe

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



12.0539, 9.4114, 49.3250



21.3625, 16.4035, 88.2665



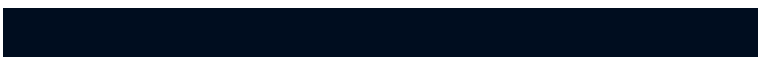
9.3455, 3.7568, 48.3763



9.3395, 9.8713, 12.0853



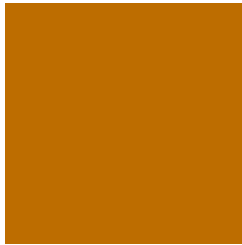
8.1824, 6.4766, 33.2117



0.3854, 0.3834, 1.3226

Previews

White Background



This preview shows how the XYZ color 26.4549, 21.7561, 2.8050 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 26.4549, 21.7561, 2.8050 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 26.4549, 21.7561, 2.8050

Background



This preview shows how black text looks on a background with the XYZ color 26.4549, 21.7561, 2.8050.



This preview shows how white text looks on a background with the XYZ color 26.4549, 21.7561,

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

26.4549, 21.7561, 2.8050

Protanopia

19.7905, 21.8460, 3.6256

Deuteranopia

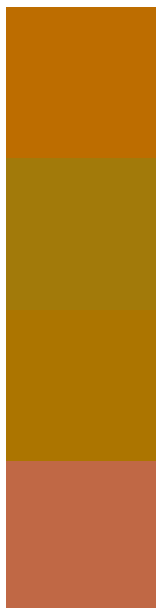
22.0638, 21.7056, 3.0267



Tritanopia

29.4063, 21.7489, 17.1161

Trichromacy



Original Color

26.4549, 21.7561, 2.8050

Protanomaly

21.9146, 21.6224, 3.3057

Deuteranomaly

23.3745, 21.4932, 2.9166

Tritanomaly

27.7627, 21.5368, 8.3240

Monochromacy



Original Color

26.4549, 21.7561, 2.8050

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2270, 19.0323, 9.4977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4549, 21.7561, 2.8050 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(189, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 109, 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(189, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 109, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4549, 21.7561, 2.8050 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(189, 109, 0) }
```


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

```
.border{ border-color:rgb(189, 109, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 109, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 109,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4549, 21.7561, 2.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 109, 0) }
```

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

```
.background{ background-color: rgb(189,  
109, 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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