

Converting Colors

XYZ(25.9052, 21.6404, 1.2928)

Have a look what the booklet for
XYZ(25.9052, 21.6404, 1.2928)
contains.

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Color

**XYZ(26.3150, 21.8432,
2.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6E00
RGB	188, 110, 0
RGB Percent	74%, 43%, 0%
CMY	0.2627, 0.5686, 1.0000
CMYK	0.00, 0.41, 1.00, 0.26
HSL	35°, 100%, 37%
HSV	35°, 100%, 74%
XYZ	26.3150, 21.8432, 2.8292
YIQ	120.7820, 81.7980, -17.6740

Conversions

Conversions Part 2

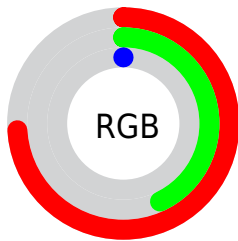
Format	Color
RYB	133, 188, 0
Decimal	12348928
CIELab	53.86, 24.76, 61.21
CIELCh	54, 66.029, 67.978
Yxy	21.8432, 0.5161, 0.4284
Android (android.graphics.Color)	4290539008 (0xFFBC6E00)
YUV	120.7820, -59.5455, 58.9502
Hunter-Lab	46.7367, 18.7148, 29.1266

Details

The XYZ color **26.3150, 21.8432, 2.8292** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.8016, 9.0797, 48.7073**, and the grayscale version is **18.2720, 19.2236, 20.9345**.

A 20% lighter version of the original color is **53.2988, 46.5463, 11.1762**, and **10.6247, 8.0344, 0.9908** is the 20% darker color. If you saturate the color by 10%, you get **26.3152, 21.8438, 2.8293**, and if you desaturate by 10%, it is **27.3103, 23.6487, 3.7327**.

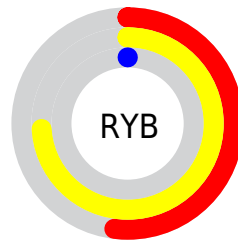
Distribution



Red (74%)

Green (43%)

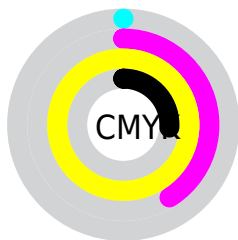
Blue (0%)



Red (52%)

Yellow (74%)

Blue (0%)

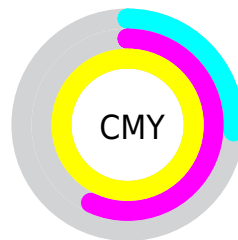


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3150, 21.8432, 2.8292 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 26.3150, 21.8432, 2.8292 by changing the saturation by 10% instead.


 26.3150, 21.8432,
2.8292


 26.3150, 21.8432,
2.8292


276.5534,
261.7263, 134.1546


 17.1934, 13.7417,
1.0081


 53.2104, 46.4867,
11.2040

 10.4686, 7.9413,
0.0000


 71.7148, 63.7975,
18.5948


 5.7754, 4.0574,
0.0000

 94.0776, 84.9469,
28.6792

 2.7483, 1.7057,
0.0000

 120.6640,
110.3193, 41.8757

 1.0221, 0.4274,
0.0000

 151.8394,
140.2990, 58.6030

 0.0000, 0.0000,
0.0000

 187.9692,

175.2705, 79.2796

229.4188,
215.6181, 104.3239

26.3150, 21.8432,
2.8292

26.3150, 21.8432,
2.8292

26.3152, 21.8438,
2.8293

27.3103, 23.6487,
3.7327

28.4929, 25.6496,
5.2497

29.9057, 27.8669,
7.5963

31.5710, 30.3122,
10.8806

33.5076, 32.9957,
15.1939

■ 35.7324, 35.9267,
20.6169

■ 38.2606, 39.1138,
27.2219

■ 41.1060, 42.5651,
35.0753

■ 44.2819, 46.2880,
44.2382

Harmonies

Analogous

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



33.4947, 21.8432, 6.9210



26.3150, 21.8432, 2.8292



18.9230, 21.8432, 2.2717

Triad

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



26.3150, 21.8432, 2.8292



9.9606, 21.8432, 29.6354



30.3504, 21.8432, 69.8564

Complementary

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



26.3150, 21.8432, 2.8292



11.8016, 9.0797, 48.7073

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.



22.7150, 21.8432, 87.3527



26.3150, 21.8432, 2.8292



11.7494, 21.8432, 56.8842

Square

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



26.3150, 21.8432, 2.8292



10.4997, 21.8432, 11.9253



16.0497, 21.8432, 81.5917



36.1702, 21.8432, 41.6713

Rectangle

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



26.3150, 21.8432, 2.8292



14.9908, 21.8432, 3.2652



16.0497, 21.8432, 81.5917



27.8500, 21.8432, 77.7474

Sweetspot

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



26.3155, 21.8444, 2.8296



69.1020, 70.5916, 48.6917



22.1263, 11.2464, 8.2758



14.4323, 14.6463, 9.3374



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.



26.3155, 21.8444, 2.8296



47.4447, 39.0930, 5.0451



35.0697, 44.7747, 6.7942



9.9814, 10.4388, 10.0654



17.9915, 15.0218, 1.9512



0.7679, 0.7147, 0.0975

Inverse Universe

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



11.8016, 9.0797, 48.7073



21.1593, 15.9972, 88.1988



9.2853, 3.7383, 47.8089



9.3329, 9.8582, 12.0831



8.1046, 6.3210, 33.1858



0.3821, 0.3770, 1.3215

Previews

White Background



This preview shows how the XYZ color 26.3150, 21.8432, 2.8292 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 26.3150, 21.8432, 2.8292 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 26.3150, 21.8432, 2.8292

Background



This preview shows how black text looks on a background with the XYZ color 26.3150, 21.8432, 2.8292.



This preview shows how white text looks on a background with the XYZ color 26.3150, 21.8432,

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

26.3150, 21.8432, 2.8292

Protanopia

19.9229, 22.1107, 3.6697

Deuteranopia

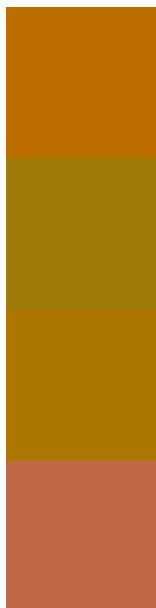
22.1872, 21.9524, 3.0679



Tritanopia

29.3041, 21.8350, 17.4219

Trichromacy



Original Color

26.3150, 21.8432, 2.8292

Protanomaly

21.8357, 21.7649, 3.3373

Deuteranomaly

23.4917, 21.7275, 2.9557

Tritanomaly

27.6429, 21.6217, 8.5108

Monochromacy



Original Color

26.3150, 21.8432, 2.8292

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3779, 19.2781, 9.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3150, 21.8432, 2.8292 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(188, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 110, 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(188, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3150, 21.8432, 2.8292 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(188, 110, 0) }
```


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

```
.border{ border-color:rgb(188, 110, 0) }
```

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

Here you see how a box with a 4 pixel rgb(188, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3150, 21.8432, 2.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 110, 0) }
```

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

```
.background{ background-color: rgb(188,  
110, 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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