

Converting Colors

XYZ(26.8129, 22.1027, 2.8531)

Have a look what the booklet for
XYZ(26.8129, 22.1027, 2.8531)
contains.

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Color

**XYZ(26.8111, 22.0990,
2.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6E00
RGB	190, 110, 0
RGB Percent	75%, 43%, 0%
CMY	0.2549, 0.5686, 1.0000
CMYK	0.00, 0.42, 1.00, 0.25
HSL	35°, 100%, 37%
HSV	35°, 100%, 75%
XYZ	26.8111, 22.0990, 2.8524
YIQ	121.3800, 82.9900, -17.2500

Conversions

Conversions Part 2

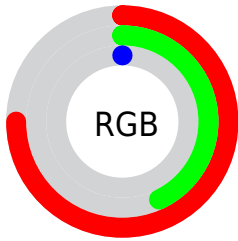
Format	Color
R_{YB}	138, 190, 0
Decimal	12480000
CIE Lab	54.13, 25.62, 61.52
CIE LCh	54, 66.641, 67.388
Yxy	22.0990, 0.5180, 0.4269
Android (android.graphics.Color)	4290670080 (0xFFBE6E00)
YUV	121.3800, -59.8403, 60.1797
Hunter-Lab	47.0096, 19.5376, 29.3092

Details

The XYZ color **26.8111, 22.0990, 2.8524** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.1628, 9.4549, 49.8986**, and the grayscale version is **18.4670, 19.4288, 21.1579**.

A 20% lighter version of the original color is **54.0193, 46.9178, 11.2099**, and **10.8747, 8.0833, 0.9871** is the 20% darker color. If you saturate the color by 10%, you get **26.8113, 22.0997, 2.8525**, and if you desaturate by 10%, it is **27.8317, 23.9522, 3.7727**.

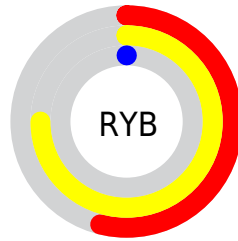
Distribution



Red (75%)

Green (43%)

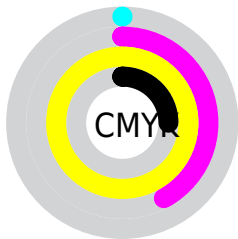
Blue (0%)



Red (54%)

Yellow (75%)

Blue (0%)

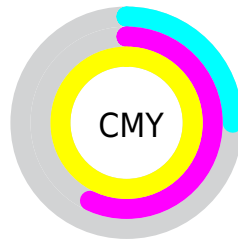


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8111, 22.0990, 2.8524 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 26.8111, 22.0990, 2.8524 by changing the saturation by 10% instead.


 26.8111, 22.0990,
2.8524


 26.8111, 22.0990,
2.8524


278.9256,
263.0628, 134.4580


 17.5673, 13.9297,
1.0198


 54.0026, 46.9096,
11.2620


 10.7376, 8.0718,
0.0000


 72.6810, 64.3196,
18.6761


 5.9566, 4.1409,
0.0000


 95.2350, 85.5786,
28.7877

 2.8591, 1.7527,
0.0000

 122.0298,
111.0711, 42.0154

 1.0797, 0.4574,
0.0000

 153.4310,
141.1813, 58.7777


 0.0080, 0.0000,
0.0000


 189.8037,


 0.0000, 0.0000,


176.2938, 79.4932


0.0000


 231.5135,
216.7928, 104.5805


 26.8111, 22.0990,
2.8524


 26.8111, 22.0990,
2.8524

 26.8113, 22.0997,
2.8525

 27.8317, 23.9522,
3.7727

 29.0464, 26.0100,
5.3237

 30.4994, 28.2939,
7.7254

 32.2133, 30.8161,
11.0887

 34.2077, 33.5872,
15.5077

■ 36.5000, 36.6169,
21.0651

■ 39.1057, 39.9141,
27.8352

■ 42.0394, 43.4872,
35.8860

■ 45.3145, 47.3442,
45.2805

Harmonies

Analogous

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



34.0879, 22.0990, 7.0874



26.8111, 22.0990, 2.8524



19.2684, 22.0990, 2.2434

Triad

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



26.8111, 22.0990, 2.8524



10.0207, 22.0990, 29.5486



30.6188, 22.0990, 71.5345

Complementary

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



26.8111, 22.0990, 2.8524



12.1628, 9.4549, 49.8986

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.



22.8417, 22.0990, 89.0076



26.8111, 22.0990, 2.8524



11.7875, 22.0990, 57.2048

Square

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



26.8111, 22.0990, 2.8524



10.6136, 22.0990, 11.7779



16.1032, 22.0990, 82.6408



36.6146, 22.0990, 42.8291

Rectangle

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



26.8111, 22.0990, 2.8524



15.2404, 22.0990, 3.2040



16.1032, 22.0990, 82.6408



28.0645, 22.0990, 79.4926

Sweetspot

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



26.8116, 22.1002, 2.8528



70.6216, 72.0274, 49.7893



22.7709, 11.5615, 9.0813



15.0521, 15.2453, 9.7325



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.



26.8116, 22.1002, 2.8528



48.3350, 39.5452, 5.0855



36.6207, 46.2128, 6.9900



9.9765, 10.4289, 10.0638



17.9072, 14.8532, 1.9231



0.7648, 0.7086, 0.0965

Inverse Universe

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



12.1628, 9.4549, 49.8986



21.8072, 16.6663, 90.3467



9.4554, 3.8009, 48.9500



9.3377, 9.8678, 12.0847



8.1616, 6.4349, 33.2048



0.3845, 0.3817, 1.3223

Previews

White Background



This preview shows how the XYZ color 26.8111, 22.0990, 2.8524 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 26.8111, 22.0990, 2.8524 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 26.8111, 22.0990, 2.8524

Background



This preview shows how black text looks on a background with the XYZ color 26.8111, 22.0990, 2.8524.



This preview shows how white text looks on a background with the XYZ color 26.8111, 22.0990,

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

26.8111, 22.0990, 2.8524

Protanopia

20.1015, 22.2028, 3.6780

Deuteranopia

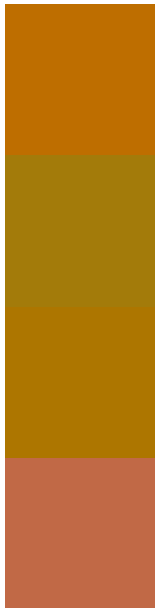
22.3928, 22.0584, 3.0775



Tritanopia

29.8140, 22.0979, 17.4458

Trichromacy



Original Color

26.8111, 22.0990, 2.8524

Protanomaly

22.2420, 21.9744, 3.3564

Deuteranomaly

23.7120, 21.8411, 2.9660

Tritanomaly

28.1494, 21.8828, 8.5345

Monochromacy



Original Color

26.8111, 22.0990, 2.8524

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5549, 19.3694, 9.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8111, 22.0990, 2.8524 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(190, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8111, 22.0990, 2.8524 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(190, 110, 0) }
```


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

```
.border{ border-color:rgb(190, 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(190, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(190, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8111, 22.0990, 2.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 110, 0) }
```

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

```
.background{ background-color: rgb(190,  
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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