

Converting Colors

XYZ(26.6669, 22.1965, 2.7278)

Have a look what the booklet for
XYZ(26.6669, 22.1965, 2.7278)
contains.

XYZ(26.6707, 22.1877, 2.8770)	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(26.6707, 22.1877,
2.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6F00
RGB	189, 111, 0
RGB Percent	74%, 44%, 0%
CMY	0.2588, 0.5647, 1.0000
CMYK	0.00, 0.41, 1.00, 0.26
HSL	35°, 100%, 37%
HSV	35°, 100%, 74%
XYZ	26.6707, 22.1877, 2.8770
YIQ	121.6680, 82.1190, -17.9850

Conversions

Conversions Part 2

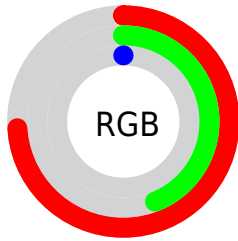
Format	Color
RYB	133, 189, 0
Decimal	12414720
CIELab	54.23, 24.65, 61.51
CIELCh	54, 66.263, 68.165
Yxy	22.1877, 0.5155, 0.4289
Android (android.graphics.Color)	4290604800 (0xFFBD6F00)
YUV	121.6680, -59.9823, 59.0502
Hunter-Lab	47.1038, 18.6370, 29.3514

Details

The XYZ color **26.6707, 22.1877, 2.8770** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.9099, 9.1232, 49.2769**, and the grayscale version is **18.5618, 19.5285, 21.2665**.

A 20% lighter version of the original color is **53.8350, 47.0853, 11.2520**, and **10.8308, 8.2221, 1.0162** is the 20% darker color. If you saturate the color by 10%, you get **26.6708, 22.1881, 2.8770**, and if you desaturate by 10%, it is **27.6765, 24.0128, 3.7882**.

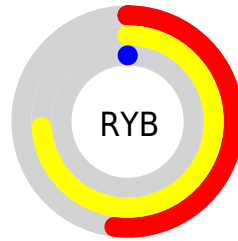
Distribution



Red (74%)

Green (44%)

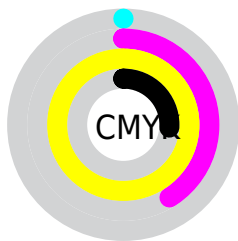
Blue (0%)



Red (52%)

Yellow (74%)

Blue (0%)

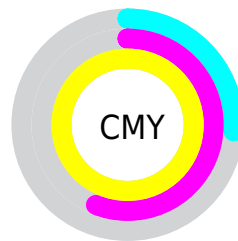


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6707, 22.1877, 2.8770 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 26.6707, 22.1877, 2.8770 by changing the saturation by 10% instead.

■ 26.6707, 22.1877,
2.8770

■ 26.6707, 22.1877,
2.8770

278.2559,
263.5249, 134.7783

■ 17.4614, 13.9949,
1.0322

■ 53.7786, 47.0560,
11.3234

■ 10.6613, 8.1171,
0.0000

■ 72.4079, 64.5003,
18.7620

■ 5.9052, 4.1700,
0.0000

■ 94.9079, 85.7973,
28.9024

■ 2.8276, 1.7691,
0.0000

■ 121.6440,
111.3312, 42.1629

■ 1.0633, 0.4678,
0.0000

■ 152.9814,
141.4865, 58.9623

■ 0.0000, 0.0000,
0.0000

■ 189.2857,

176.6477, 79.7189

■ 230.9220,
217.1990, 104.8514

■ 26.6707, 22.1877,
2.8770

■ 26.6707, 22.1877,
2.8770

■ 26.6708, 22.1881,
2.8770

■ 27.6765, 24.0128,
3.7882

■ 28.8713, 26.0344,
5.3210

■ 30.2985, 28.2735,
7.6933

■ 31.9805, 30.7420,
11.0145

■ 33.9364, 33.4501,
15.3775

■ 36.1832, 36.4071,
20.8637

■ 38.7363, 39.6216,
27.5465

■ 41.6099, 43.1019,
35.4931

■ 44.8172, 46.8554,
44.7656

Harmonies

Analogous

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



33.9594, 22.1877, 7.0033



26.6707, 22.1877, 2.8770



19.1823, 22.1877, 2.3251

Triad

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



26.6707, 22.1877, 2.8770



10.1356, 22.1877, 30.2410



30.8566, 22.1877, 70.6872

Complementary

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



26.6707, 22.1877, 2.8770



11.9099, 9.1232, 49.2769

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.



23.1175, 22.1877, 88.5306



26.6707, 22.1877, 2.8770



11.9664, 22.1877, 57.8909

Square

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



26.6707, 22.1877, 2.8770



10.6682, 22.1877, 12.2052



16.3456, 22.1877, 82.8487



36.7340, 22.1877, 42.1178

Rectangle

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



26.6707, 22.1877, 2.8770



15.2038, 22.1877, 3.3487



16.3456, 22.1877, 82.8487



28.3246, 22.1877, 78.7104

Sweetspot

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



26.6712, 22.1889, 2.8774



69.1429, 70.6734, 48.7053



22.3885, 11.3798, 8.3669



14.4421, 14.6658, 9.3407



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.



26.6712, 22.1889, 2.8774



47.5257, 39.2549, 5.0721



35.4864, 45.3076, 6.8752



9.9832, 10.4423, 10.0660



18.0218, 15.0825, 1.9614



0.7690, 0.7168, 0.0978

Inverse Universe

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



11.9099, 9.1232, 49.2769



21.1070, 15.8926, 88.1813



9.3949, 3.7823, 48.3786



9.3312, 9.8547, 12.0826



8.0846, 6.2809, 33.1791



0.3813, 0.3753, 1.3212

Previews

White Background



This preview shows how the XYZ color 26.6707, 22.1877, 2.8770 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 26.6707, 22.1877, 2.8770 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 26.6707, 22.1877, 2.8770

Background



This preview shows how black text looks on a background with the XYZ color 26.6707, 22.1877, 2.8770.



This preview shows how white text looks on a background with the XYZ color 26.6707, 22.1877,

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

26.6707, 22.1877, 2.8770

Protanopia

20.2351, 22.4701, 3.7226

Deuteranopia

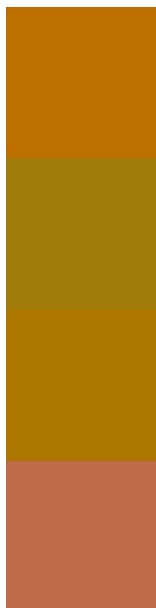
22.7247, 22.4146, 3.1287



Tritanopia

29.7118, 22.1856, 17.7552

Trichromacy



Original Color

26.6707, 22.1877, 2.8770

Protanomaly

22.1627, 22.1186, 3.3884

Deuteranomaly

24.0524, 22.1923, 3.0158

Tritanomaly

28.0296, 21.9695, 8.7244

Monochromacy



Original Color

26.6707, 22.1877, 2.8770

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.7076, 19.6179, 9.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6707, 22.1877, 2.8770 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, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 111, 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, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 111, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6707, 22.1877, 2.8770 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, 111, 0) }
```


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

```
.border{ border-color:rgb(189, 111, 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, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 111,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6707, 22.1877, 2.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 111, 0) }
```

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

```
.background{ background-color: rgb(189,  
111, 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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