

Converting Colors

XYZ(26.0851, 21.7194, 0.4722)

Have a look what the booklet for
XYZ(26.0851, 21.7194, 0.4722)
contains.

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Color

**XYZ(26.5622, 21.9707,
2.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6E00
RGB	189, 110, 0
RGB Percent	74%, 43%, 0%
CMY	0.2588, 0.5686, 1.0000
CMYK	0.00, 0.42, 1.00, 0.26
HSL	35°, 100%, 37%
HSV	35°, 100%, 74%
XYZ	26.5622, 21.9707, 2.8408
YIQ	121.0810, 82.3940, -17.4620

Conversions

Conversions Part 2

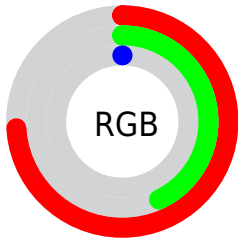
Format	Color
R_{YB}	136, 189, 0
Decimal	12414464
CIE _{Lab}	54.00, 25.19, 61.36
CIE _{LCh}	54, 66.334, 67.681
Yxy	21.9707, 0.5170, 0.4277
Android (android.graphics.Color)	4290604544 (0xFFBD6E00)
YUV	121.0810, -59.6929, 59.5650
Hunter-Lab	46.8729, 19.1258, 29.2177

Details

The XYZ color **26.5622, 21.9707, 2.8408** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.9813, 9.2662, 49.3008**, and the grayscale version is **18.3694, 19.3261, 21.0461**.

A 20% lighter version of the original color is **53.6581, 46.7315, 11.1930**, and **10.7759, 8.1124, 0.9979** is the 20% darker color. If you saturate the color by 10%, you get **26.5623, 21.9712, 2.8409**, and if you desaturate by 10%, it is **27.5701, 23.8000, 3.7527**.

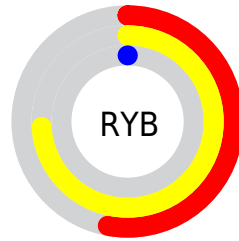
Distribution



Red (74%)

Green (43%)

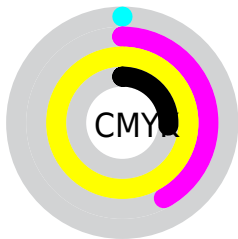
Blue (0%)



Red (53%)

Yellow (74%)

Blue (0%)

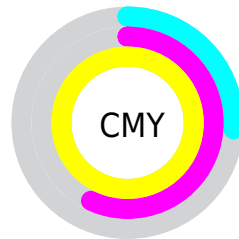


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5622, 21.9707, 2.8408 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 26.5622, 21.9707, 2.8408 by changing the saturation by 10% instead.


 26.5622, 21.9707,
2.8408


 26.5622, 21.9707,
2.8408


277.7374,
262.3932, 134.3064


 17.3796, 13.8354,
1.0139


 53.6054, 46.6976,
11.2330


 10.6025, 8.0063,
0.0000


 72.1967, 64.0579,
18.6354


 5.8655, 4.0989,
0.0000

 94.6549, 85.2620,
28.7335

 2.8034, 1.7291,
0.0000

 121.3454,
110.6943, 41.9456

 1.0506, 0.4424,
0.0000

 152.6336,
140.7392, 58.6904

 0.0000, 0.0000,
0.0000

 188.8847,

175.7810, 79.3865

■ 230.4642,
216.2042, 104.4523

■ 26.5622, 21.9707,
2.8408

■ 26.5622, 21.9707,
2.8408

■ 26.5623, 21.9712,
2.8409

■ 27.5701, 23.8000,
3.7527

■ 28.7688, 25.8293,
5.2867

■ 30.2017, 28.0799,
7.6608

■ 31.8912, 30.5636,
10.9845

■ 33.8567, 33.2907,
15.3506

■ 36.1151, 36.2709,
20.8406

■ 38.6819, 39.5129,
27.5280

■ 41.5713, 43.0248,
35.4798

■ 44.7966, 46.8145,
44.7581

Harmonies

Analogous

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



33.7903, 21.9707, 7.0039



26.5622, 21.9707, 2.8408



19.0951, 21.9707, 2.2575

Triad

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



26.5622, 21.9707, 2.8408



9.9905, 21.9707, 29.5914



30.4841, 21.9707, 70.6919

Complementary

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



26.5622, 21.9707, 2.8408



11.9813, 9.2662, 49.3008

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.



22.7780, 21.9707, 88.1769



26.5622, 21.9707, 2.8408



11.7683, 21.9707, 57.0435

Square

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



26.5622, 21.9707, 2.8408



10.5565, 21.9707, 11.8512



16.0763, 21.9707, 82.1142



36.3916, 21.9707, 42.2476

Rectangle

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



26.5622, 21.9707, 2.8408



15.1152, 21.9707, 3.2345



16.0763, 21.9707, 82.1142



27.9568, 21.9707, 78.6165

Sweetspot

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



26.5627, 21.9719, 2.8412



69.0444, 70.4764, 48.6725



22.5055, 11.4266, 8.9828



14.4186, 14.6188, 9.3328



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.



26.5627, 21.9719, 2.8412



47.3311, 38.8658, 5.0072



36.1925, 45.6717, 6.9082



9.9789, 10.4338, 10.0646



17.9490, 14.9368, 1.9371



0.7663, 0.7116, 0.0970

Inverse Universe

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



11.9813, 9.2662, 49.3008



21.2337, 16.1460, 88.2236



9.3455, 3.7569, 48.3763



9.3353, 9.8630, 12.0839



8.1331, 6.3780, 33.1953



0.3833, 0.3793, 1.3219

Previews

White Background



This preview shows how the XYZ color 26.5622, 21.9707, 2.8408 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 26.5622, 21.9707, 2.8408 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 26.5622, 21.9707, 2.8408

Background



This preview shows how black text looks on a background with the XYZ color 26.5622, 21.9707, 2.8408.



This preview shows how white text looks on a background with the XYZ color 26.5622, 21.9707,

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

26.5622, 21.9707, 2.8408

Protanopia

19.9229, 22.1107, 3.6697

Deuteranopia

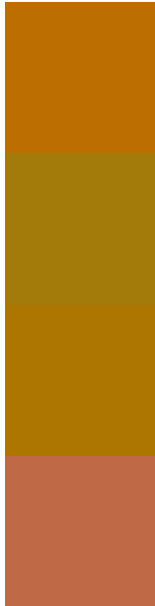
22.3928, 22.0584, 3.0775



Tritanopia

29.5582, 21.9660, 17.4338

Trichromacy



Original Color

26.5622, 21.9707, 2.8408

Protanomaly

22.0380, 21.8692, 3.3468

Deuteranomaly

23.7120, 21.8411, 2.9660

Tritanomaly

27.8953, 21.7518, 8.5226

Monochromacy



Original Color

26.5622, 21.9707, 2.8408

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 26.5622, 21.9707, 2.8408 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, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5622, 21.9707, 2.8408 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, 110, 0) }
```


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

```
.border{ border-color:rgb(189, 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(189, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5622, 21.9707, 2.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 110, 0) }
```

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

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