

Converting Colors

XYZ(25.5104, 21.0437, 0.6126)

Have a look what the booklet for
XYZ(25.5104, 21.0437, 0.6126)
contains.

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Color

**XYZ(25.9967, 21.2068,
2.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6B00
RGB	188, 107, 0
RGB Percent	74%, 42%, 0%
CMY	0.2627, 0.5804, 1.0000
CMYK	0.00, 0.43, 1.00, 0.26
HSL	34°, 100%, 37%
HSV	34°, 100%, 74%
XYZ	25.9967, 21.2068, 2.7231
YIQ	119.0210, 82.6230, -16.1050

Conversions

Conversions Part 2

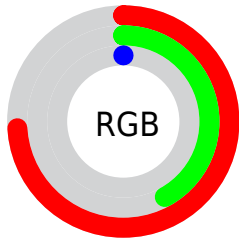
Format	Color
RYB	142, 188, 0
Decimal	12348160
CIELab	53.18, 26.39, 60.78
CIELCh	53, 66.263, 66.528
Yxy	21.2068, 0.5207, 0.4248
Android (android.graphics.Color)	4290538240 (0xFFBC6B00)
YUV	119.0210, -58.6774, 60.4946
Hunter-Lab	46.0508, 20.1782, 28.7296

Details

The XYZ color **25.9967, 21.2068, 2.7231** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.0193, 9.5153, 48.7796**, and the grayscale version is **17.7037, 18.6257, 20.2834**.

A 20% lighter version of the original color is **52.7766, 45.5019, 11.0021**, and **10.4661, 7.7171, 0.9379** is the 20% darker color. If you saturate the color by 10%, you get **25.9969, 21.2075, 2.7233**, and if you desaturate by 10%, it is **26.9975, 23.0232, 3.6284**.

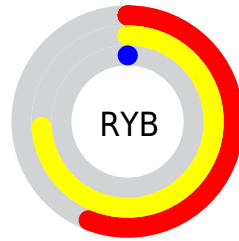
Distribution



Red (74%)

Green (42%)

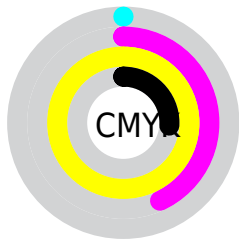
Blue (0%)



Red (56%)

Yellow (74%)

Blue (0%)

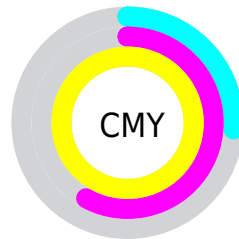


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9967, 21.2068, 2.7231 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 25.9967, 21.2068, 2.7231 by changing the saturation by 10% instead.

 25.9967, 21.2068,
2.7231


 25.9967, 21.2068,
2.7231


275.0229,
258.3755, 132.7518


 16.9538, 13.2752,
0.9550


 52.7010, 45.4315,
10.9372

 10.2967, 7.6184,
0.0000


 71.0931, 62.4933,
18.2203


 5.6599, 3.8517,
0.0000


 93.3323, 83.3675,
28.1788

 2.6781, 1.5910,
0.0000

 119.7840,
108.4382, 41.2313

 0.9859, 0.3515,
0.0000

 150.8136,
138.0900, 57.7963

 0.0000, 0.0000,
0.0000

 186.7864,

172.7072, 78.2924

■ 228.0677,
212.6743, 103.1380

■ 25.9967, 21.2068,
2.7231

■ 25.9967, 21.2068,
2.7231

■ 25.9969, 21.2075,
2.7233

■ 26.9975, 23.0232,
3.6284

■ 28.1907, 25.0455,
5.1489

■ 29.6198, 27.2953,
7.5008

■ 31.3071, 29.7845,
10.7923

■ 33.2716, 32.5239,
15.1148

■ 35.5304, 35.5230,
20.5490

■ 38.0989, 38.7910,
27.1674

■ 40.9913, 42.3361,
35.0362

■ 44.2208, 46.1663,
44.2169

Harmonies

Analogous

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



32.9982, 21.2068, 6.9234



25.9967, 21.2068, 2.7231



18.6670, 21.2068, 2.0765

Triad

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



25.9967, 21.2068, 2.7231



9.5362, 21.2068, 27.7481



29.2597, 21.2068, 69.8784

Complementary

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



25.9967, 21.2068, 2.7231



12.0193, 9.5153, 48.7796

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.



21.7231, 21.2068, 86.3163



25.9967, 21.2068, 2.7231



11.1715, 21.2068, 54.4082

Square

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



25.9967, 21.2068, 2.7231



10.1721, 21.2068, 10.9034



15.2637, 21.2068, 79.4380



35.1661, 21.2068, 42.0622

Rectangle

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



25.9967, 21.2068, 2.7231



14.7305, 21.2068, 2.9370



15.2637, 21.2068, 79.4380



26.7738, 21.2068, 77.4779

Sweetspot

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



25.9972, 21.2079, 2.7235



68.8060, 69.9996, 48.5930



22.2417, 11.2925, 8.8845



14.3618, 14.5052, 9.3139



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.



25.9972, 21.2079, 2.7235



46.8675, 37.9385, 4.8527



35.7670, 45.1340, 6.8268



9.9687, 10.4133, 10.0612



17.7752, 14.5893, 1.8792



0.7601, 0.6991, 0.0949

Inverse Universe

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



12.0193, 9.5153, 48.7796



21.5501, 16.7788, 88.3290



9.2363, 3.7130, 47.8063



9.3454, 9.8832, 12.0873



8.2542, 6.6201, 33.2357



0.3884, 0.3894, 1.3235

Previews

White Background



This preview shows how the XYZ color 25.9967, 21.2068, 2.7231 looks on a white background.

Color Contrast Check

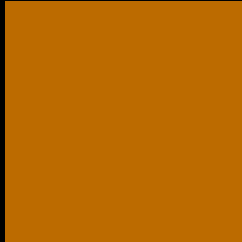
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9967, 21.2068, 2.7231 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 25.9967, 21.2068, 2.7231

Background



This preview shows how black text looks on a background with the XYZ color 25.9967, 21.2068, 2.7231.



This preview shows how white text looks on a background with the XYZ color 25.9967, 21.2068,

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

25.9967, 21.2068, 2.7231

Protanopia

19.3070, 21.4021, 3.5654

Deuteranopia

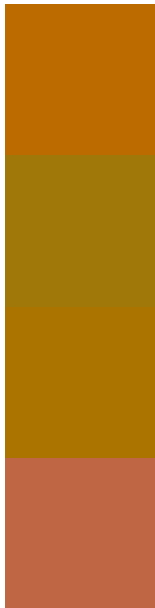
21.5353, 21.2518, 2.9670



Tritanopia

28.8539, 21.1917, 16.4796

Trichromacy



Original Color

25.9967, 21.2068, 2.7231

Protanomaly

21.2685, 20.9284, 3.2058

Deuteranomaly

23.0400, 21.1487, 2.8678

Tritanomaly

27.2806, 20.9965, 8.0837

Monochromacy



Original Color

25.9967, 21.2068, 2.7231

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.9368, 18.7126, 9.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9967, 21.2068, 2.7231 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, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 107, 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, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 107, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9967, 21.2068, 2.7231 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, 107, 0) }
```


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

```
.border{ border-color:rgb(188, 107, 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, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 107,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9967, 21.2068, 2.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 107, 0) }
```

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

```
.background{ background-color: rgb(188,  
107, 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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