

Converting Colors

XYZ(26.2297, 15.4932, 1.6080)

Have a look what the booklet for
XYZ(26.2297, 15.4932, 1.6080)
contains.

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Color

**XYZ(26.2210, 15.4757,
1.6051)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC3600 |
| RGB | 204, 54, 0 |
| RGB Percent | 80%, 21%, 0% |
| CMY | 0.2000, 0.7882, 1.0000 |
| CMYK | 0.00, 0.74, 1.00, 0.20 |
| HSL | 16°, 100%, 40% |
| HSV | 16°, 100%, 80% |
| XYZ | 26.2210, 15.4757, 1.6051 |
| YIQ | 92.6940, 106.7340, 15.0060 |

Conversions

Conversions Part 2

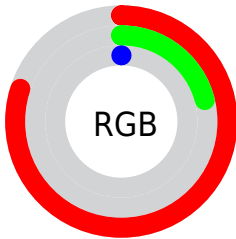
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 73, 0 |
| Decimal | 13383168 |
| CIELab | 46.28, 57.05, 58.34 |
| CIElCh | 46, 81.596, 45.641 |
| Yxy | 15.4757, 0.6055, 0.3574 |
| Android (android.graphics.Color) | 4291573248 (0xFFCC3600) |
| YUV | 92.6940, -45.6981, 97.6154 |
| Hunter-Lab | 39.3392, 50.1333, 25.1183 |

Details

The XYZ color **26.2210, 15.4757, 1.6051** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21.8038, 26.1691, 61.0282**, and the grayscale version is **10.4199, 10.9625, 11.9382**.

A 20% lighter version of the original color is **47.6630, 32.9243, 7.7138**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **26.2213, 15.4765, 1.6053**, and if you desaturate by 10%, it is **27.1603, 17.1467, 2.5589**.

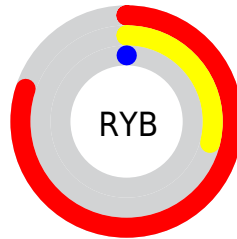
Distribution



Red (80%)

Green (21%)

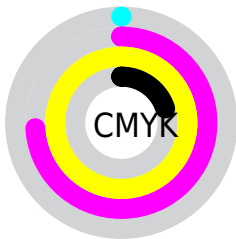
Blue (0%)



Red (80%)

Yellow (29%)

Blue (0%)

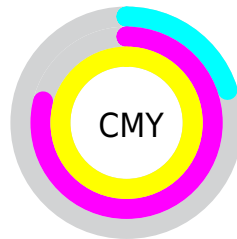


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2210, 15.4757, 1.6051 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 26.2210, 15.4757, 1.6051 by changing the saturation by 10% instead.


 26.2210, 15.4757,
1.6051


 26.2210, 15.4757,
1.6051


 276.1021,
226.2277, 115.9076

 17.1226, 9.1539,
0.2945


 53.0600, 35.6856,
7.9300


 10.4178, 4.8417,
0.0000


 71.5313, 50.3424,
13.9245

 5.7412, 2.1547,
0.0000

 93.8577, 68.5465,
22.3650

 2.7275, 0.6951,
0.0000

 120.4044, 90.6820,
33.6701

 1.0114, 0.0000,
0.0000


 151.5369,
117.1336, 48.2584


 0.0000, 0.0000,
0.0000


 187.6204,


148.2854, 66.5484


 229.0204,
184.5220, 88.9586


 26.2210, 15.4757,
1.6051


 26.2210, 15.4757,
1.6051


 26.2213, 15.4765,
1.6053

 27.1603, 17.1467,
2.5589

 28.4694, 19.3380,
4.3118

 30.2120, 22.1016,
7.1171

 32.4276, 25.4766,
11.1117

 35.1510, 29.4987,
16.4119

■ 38.4134, 34.2004,
23.1198

■ 42.2433, 39.6120,
31.3272

■ 46.6671, 45.7620,
41.1183

■ 51.7096, 52.6772,
52.5709

Harmonies

Analogous

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



31.7749, 15.4757, 8.4708



26.2210, 15.4757, 1.6051



18.2927, 15.4757, 0.0521

Triad

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



26.2210, 15.4757, 1.6051



5.1659, 15.4757, 9.0063



18.6298, 15.4757, 87.5127

Complementary

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



26.2210, 15.4757, 1.6051



21.8038, 26.1691, 61.0282

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.



11.6272, 15.4757, 88.1811



26.2210, 15.4757, 1.6051



5.2047, 15.4757, 29.4734

Square

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



26.2210, 15.4757, 1.6051



7.0525, 15.4757, 1.7351



7.1832, 15.4757, 61.9387



26.5340, 15.4757, 60.5033

Rectangle

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



26.2210, 15.4757, 1.6051



13.4299, 15.4757, 0.0000



7.1832, 15.4757, 61.9387



16.0673, 15.4757, 91.2733

Sweetspot

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



26.2213, 15.4766, 1.6053



69.6930, 65.2281, 51.3002



30.6514, 15.1372, 31.4432



14.3156, 13.1151, 9.6800



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2213, 15.4766, 1.6053



43.2778, 25.3355, 2.6093



36.2929, 35.6197, 4.9625



11.4499, 11.6887, 11.7321



16.5699, 9.8727, 1.0323



0.9185, 0.6367, 0.0745

Inverse Universe

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



21.8038, 26.1691, 61.0282



35.9239, 42.9678, 101.0080



12.0829, 6.7274, 57.7879



11.2822, 12.2049, 14.3315



13.8032, 16.6304, 38.4388



0.7721, 0.9779, 2.0030

Previews

White Background



This preview shows how the XYZ color 26.2210, 15.4757, 1.6051 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2210, 15.4757, 1.6051

Background



This preview shows how black text looks on a background with the XYZ color 26.2210, 15.4757, 1.6051.



This preview shows how white text looks on a background with the XYZ color 26.2210, 15.4757,

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

26.2210, 15.4757, 1.6051

Protanopia

14.1513, 15.7158, 3.0982

Deuteranopia

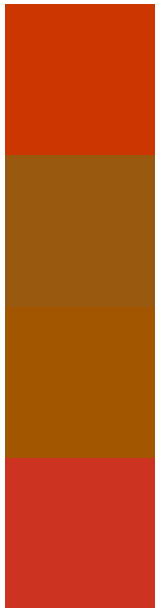
15.6990, 15.5921, 2.1822



Tritanopia

26.9373, 15.5083, 4.8225

Trichromacy



Original Color

26.2210, 15.4757, 1.6051

Protanomaly

16.8793, 14.1191, 2.2876

Deuteranomaly

18.4320, 14.4421, 1.8161

Tritanomaly

26.6352, 15.4566, 3.0184

Monochromacy



Original Color

26.2210, 15.4757, 1.6051

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.2583, 10.8943, 5.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2210, 15.4757, 1.6051 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(204, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 54, 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(204, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 54, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2210, 15.4757, 1.6051 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(204, 54, 0) }
```


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

```
.border{ border-color:rgb(204, 54, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 54, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2210, 15.4757, 1.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 54, 0) }
```

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

```
.background{ background-color: rgb(204, 54,  
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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