

Converting Colors

XYZ(26.0471, 18.5679, 2.2111)

Have a look what the booklet for
XYZ(26.0471, 18.5679, 2.2111)
contains.

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Color

**XYZ(25.9954, 18.5815,
2.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	C35800
RGB	195, 88, 0
RGB Percent	76%, 35%, 0%
CMY	0.2353, 0.6549, 1.0000
CMYK	0.00, 0.55, 1.00, 0.24
HSL	27°, 100%, 38%
HSV	27°, 100%, 76%
XYZ	25.9954, 18.5815, 2.2165
YIQ	109.9610, 92.0200, -4.6840

Conversions

Conversions Part 2

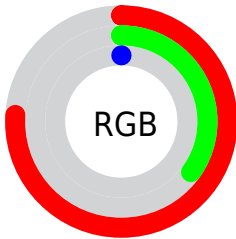
Format	Color
R_{YB}	195, 160, 0
Decimal	12802048
CIE Lab	50.19, 39.24, 59.52
CIE LCh	50, 71.288, 56.605
Yxy	18.5815, 0.5555, 0.3971
Android (android.graphics.Color)	4290992128 (0xFFC35800)
YUV	109.9610, -54.2108, 74.5792
Hunter-Lab	43.1063, 32.2092, 27.1257

Details

The XYZ color **25.9954, 18.5815, 2.2165** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **15.1078, 14.4551, 53.6233**, and the grayscale version is **14.9428, 15.7209, 17.1201**.

A 20% lighter version of the original color is **51.4604, 40.3531, 9.4915**, and **10.4931, 6.3915, 0.6806** is the 20% darker color. If you saturate the color by 10%, you get **25.9955, 18.5821, 2.2166**, and if you desaturate by 10%, it is **27.0615, 20.5189, 3.1732**.

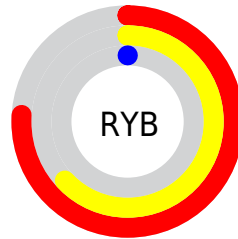
Distribution



Red (76%)

Green (35%)

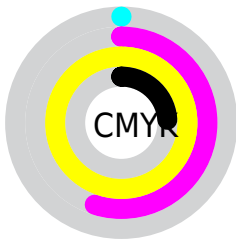
Blue (0%)



Red (76%)

Yellow (63%)

Blue (0%)

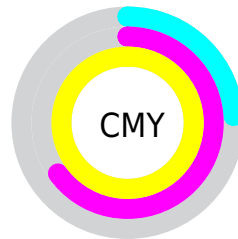


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9954, 18.5815, 2.2165 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 25.9954, 18.5815, 2.2165 by changing the saturation by 10% instead.

■ 25.9954, 18.5815,
2.2165

■ 25.9954, 18.5815,
2.2165

275.0166,
244.1286, 125.6529

■ 16.9529, 11.3683,
0.6839

■ 52.6989, 41.0257,
9.6247

■ 10.2960, 6.3151,
0.0000

■ 71.0905, 57.0255,
16.3636

■ 5.6594, 3.0376,
0.0000

■ 93.3293, 76.7229,
25.6838

■ 2.6778, 1.1514,
0.0000

■ 119.7804,
100.5024, 38.0038

■ 0.9858, 0.0215,
0.0000

■ 150.8094,
128.7483, 53.7422

■ 0.0000, 0.0000,
0.0000

■ 186.7815,

161.8450, 73.3175

228.0621,
200.1770, 97.1482

25.9954, 18.5815,
2.2165

25.9954, 18.5815,
2.2165

25.9955, 18.5821,
2.2166

27.0615, 20.5189,
3.1732

28.3838, 22.7726,
4.8195

30.0113, 25.3709,
7.3860

31.9709, 28.3324,
10.9923

34.2862, 31.6734,
15.7396

■ 36.9781, 35.4092,
21.7168

■ 40.0655, 39.5541,
29.0041

■ 43.5662, 44.1214,
37.6747

■ 47.4965, 49.1239,
47.7963

Harmonies

Analogous

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



32.3386, 18.5815, 7.5598



25.9954, 18.5815, 2.2165



18.4567, 18.5815, 1.0795

Triad

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



25.9954, 18.5815, 2.2165



7.4682, 18.5815, 18.0692



24.2779, 18.5815, 76.5871

Complementary

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



25.9954, 18.5815, 2.2165



15.1078, 14.4551, 53.6233

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.



16.8888, 18.5815, 86.5822



25.9954, 18.5815, 2.2165



8.2721, 18.5815, 42.4037

Square

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



25.9954, 18.5815, 2.2165



8.7539, 18.5815, 5.7167



11.3309, 18.5815, 71.2628



31.1796, 18.5815, 49.0959

Rectangle

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



25.9954, 18.5815, 2.2165



14.1417, 18.5815, 1.3086



11.3309, 18.5815, 71.2628



21.7209, 18.5815, 82.6509

Sweetspot

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



25.9958, 18.5825, 2.2168



71.4835, 70.4786, 51.2823



25.1727, 12.6690, 15.0981



15.1172, 14.7184, 9.9472



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.



25.9958, 18.5825, 2.2168



46.3176, 32.7987, 3.8896



39.9068, 46.4045, 6.8538



10.4391, 10.8097, 10.5982



16.9774, 12.2406, 1.4679



0.8023, 0.6664, 0.0863

Inverse Universe

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



15.1078, 14.4551, 53.6233



26.8052, 25.3830, 95.9564



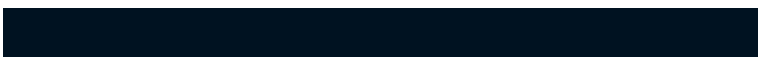
9.9562, 4.1519, 51.9060



9.9761, 10.6435, 12.8134



9.9041, 9.5647, 34.8808



0.4960, 0.5494, 1.5298

Previews

White Background



This preview shows how the XYZ color 25.9954, 18.5815, 2.2165 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 25.9954, 18.5815, 2.2165 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 25.9954, 18.5815, 2.2165

Background



This preview shows how black text looks on a background with the XYZ color 25.9954, 18.5815, 2.2165.



This preview shows how white text looks on a background with the XYZ color 25.9954, 18.5815,

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

25.9954, 18.5815, 2.2165

Protanopia

16.8173, 18.6275, 3.2814

Deuteranopia

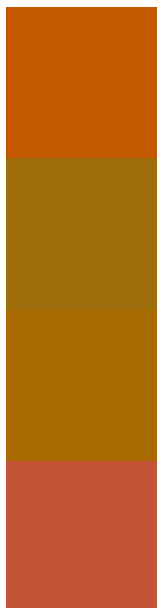
18.9662, 18.7100, 2.6118



Tritanopia

27.7636, 18.5930, 11.1423

Trichromacy



Original Color

25.9954, 18.5815, 2.2165

Protanomaly

19.3276, 17.9174, 2.7563

Deuteranomaly

21.2000, 18.4280, 2.4396

Tritanomaly

26.6249, 18.3522, 5.7535

Monochromacy



Original Color

25.9954, 18.5815, 2.2165

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.8414, 15.6077, 7.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9954, 18.5815, 2.2165 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(195, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 88, 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(195, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 88, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9954, 18.5815, 2.2165 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(195, 88, 0) }
```


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

```
.border{ border-color:rgb(195, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9954, 18.5815, 2.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 88, 0) }
```

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

```
.background{ background-color: rgb(195, 88,  
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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