

Converting Colors

XYZ(25.0809, 18.1731, 2.1858)

Have a look what the booklet for
XYZ(25.0809, 18.1731, 2.1858)
contains.

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Color

**XYZ(25.0582, 18.2211,
2.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5900
RGB	191, 89, 0
RGB Percent	75%, 35%, 0%
CMY	0.2510, 0.6510, 1.0000
CMYK	0.00, 0.53, 1.00, 0.25
HSL	28°, 100%, 37%
HSV	28°, 100%, 75%
XYZ	25.0582, 18.2211, 2.1963
YIQ	109.3520, 89.3610, -6.0550

Conversions

Conversions Part 2

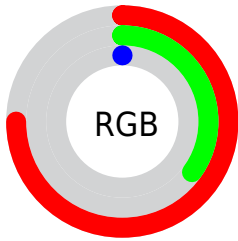
Format	Color
R_{YB}	191, 167, 0
Decimal	12540160
CIE _{Lab}	49.76, 37.15, 58.94
CIE _{LCh}	50, 69.670, 57.781
Yxy	18.2211, 0.5510, 0.4007
Android (android.graphics.Color)	4290730240 (0xFFBF5900)
YUV	109.3520, -53.9105, 71.6053
Hunter-Lab	42.6862, 30.0846, 26.8297

Details

The XYZ color **25.0582, 18.2211, 2.1963** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **14.1550, 13.2637, 51.1038**, and the grayscale version is **14.7675, 15.5366, 16.9194**.

A 20% lighter version of the original color is **51.2402, 40.4575, 9.5233**, and **9.9314, 6.1969, 0.6727** is the 20% darker color. If you saturate the color by 10%, you get **25.0584, 18.2217, 2.1964**, and if you desaturate by 10%, it is **26.0855, 20.0864, 3.1230**.

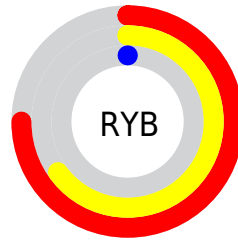
Distribution



Red (75%)

Green (35%)

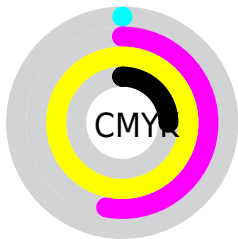
Blue (0%)



Red (75%)

Yellow (65%)

Blue (0%)

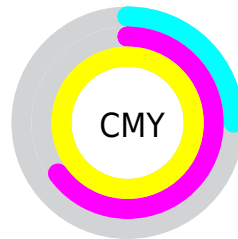


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0582, 18.2211, 2.1963 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 25.0582, 18.2211, 2.1963 by changing the saturation by 10% instead.

■ 25.0582, 18.2211,
2.1963

■ 25.0582, 18.2211,
2.1963

270.4700,
242.1143, 125.3541

■ 16.2494, 11.1088,
0.6722

■ 51.1938, 40.4137,
9.5708

■ 9.7928, 6.1401,
0.0000

■ 69.2514, 56.2629,
16.2869

■ 5.3230, 2.9305,
0.0000

■ 91.1225, 75.7931,
25.5802

■ 2.4747, 1.0955,
0.0000

■ 117.1726, 99.3888,
37.8692

■ 0.8825, 0.0000,
0.0000


■ 147.7671,
127.4344, 53.5726


■ 0.0000, 0.0000,
0.0000


■ 183.2712,


160.3142, 73.1089


 224.0504,
198.4128, 96.8965


 25.0582, 18.2211,
2.1963


 25.0582, 18.2211,
2.1963

 25.0584, 18.2217,
2.1964

 26.0855, 20.0864,
3.1230

 27.3508, 22.2415,
4.7025

 28.9008, 24.7128,
7.1576

 30.7609, 27.5170,
10.6014

 32.9529, 30.6690,
15.1298

■ 35.4962, 34.1826,
20.8274

■ 38.4088, 38.0708,
27.7700

■ 41.7071, 42.3455,
36.0273

■ 45.4064, 47.0184,
45.6634

Harmonies

Analogous

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



31.2515, 18.2211, 7.2097



25.0582, 18.2211, 2.1963



17.8179, 18.2211, 1.1410

Triad

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



25.0582, 18.2211, 2.1963



7.4357, 18.2211, 18.4568



23.9784, 18.2211, 72.9742

Complementary

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



25.0582, 18.2211, 2.1963



14.1550, 13.2637, 51.1038

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.



16.8288, 18.2211, 83.4149



25.0582, 18.2211, 2.1963



8.2993, 18.2211, 42.2332

Square

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



25.0582, 18.2211, 2.1963



8.6058, 18.2211, 6.0312



11.3634, 18.2211, 69.6512



30.5242, 18.2211, 46.4240

Rectangle

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



25.0582, 18.2211, 2.1963



13.7044, 18.2211, 1.4169



11.3634, 18.2211, 69.6512



21.5182, 18.2211, 79.0153

Sweetspot

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



25.0586, 18.2221, 2.1966



68.5268, 67.8379, 49.0910



24.0381, 12.0973, 14.4465



14.5438, 14.2286, 9.5631



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.0586, 18.2221, 2.1966



44.6421, 32.1595, 3.8545



38.1011, 44.3071, 6.5441



9.8868, 10.2495, 10.0339



16.5473, 12.1333, 1.4698



0.7136, 0.6062, 0.0794

Inverse Universe

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



14.1550, 13.2637, 51.1038



25.1056, 23.2631, 91.4461



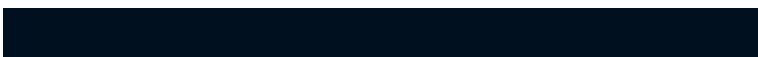
9.5076, 3.9690, 49.5547



9.4270, 10.0462, 12.1145



9.3837, 8.8791, 33.6122



0.4325, 0.4776, 1.3382

Previews

White Background



This preview shows how the XYZ color 25.0582, 18.2211, 2.1963 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



This preview shows how the XYZ color 25.0582, 18.2211, 2.1963 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 25.0582, 18.2211, 2.1963

Background



This preview shows how black text looks on a background with the XYZ color 25.0582, 18.2211, 2.1963.



This preview shows how white text looks on a background with the XYZ color 25.0582, 18.2211,

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

25.0582, 18.2211, 2.1963

Protanopia

16.5295, 18.3025, 3.1918

Deuteranopia

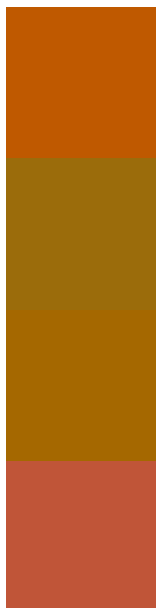
18.4828, 18.2943, 2.5570



Tritanopia

26.8470, 18.2286, 11.3360

Trichromacy



Original Color

25.0582, 18.2211, 2.1963

Protanomaly

18.9405, 17.7178, 2.7382

Deuteranomaly

20.4674, 17.9000, 2.3763

Tritanomaly

25.7005, 17.9890, 5.8590

Monochromacy



Original Color

25.0582, 18.2211, 2.1963

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.4730, 15.4214, 7.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0582, 18.2211, 2.1963 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(191, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 89, 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(191, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 89, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0582, 18.2211, 2.1963 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(191, 89, 0) }
```


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

```
.border{ border-color:rgb(191, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.0582, 18.2211, 2.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 89, 0) }
```

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

```
.background{ background-color: rgb(191, 89,  
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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