

Converting Colors

XYZ(25.8349, 18.7244, 3.2298)

Have a look what the booklet for
XYZ(25.8349, 18.7244, 3.2298)
contains.

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Color

**XYZ(25.8349, 18.7244,
3.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	C15A1A
RGB	193, 90, 26
RGB Percent	76%, 35%, 10%
CMY	0.2431, 0.6470, 0.8980
CMYK	0.00, 0.53, 0.87, 0.24
HSL	23°, 76%, 43%
HSV	23°, 87%, 76%
XYZ	25.8349, 18.7244, 3.2298
YIQ	113.5010, 81.9320, 1.9320

Conversions

Conversions Part 2

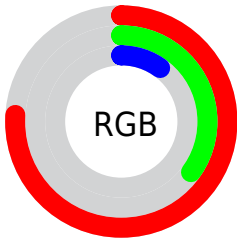
Format	Color
RYB	193, 130, 26
Decimal	12671514
CIELab	50.36, 37.84, 52.51
CIELCh	50, 64.721, 54.223
Yxy	18.7244, 0.5406, 0.3918
Android (android.graphics.Color)	4290861594 (0xFFC15A1A)
YUV	113.5010, -43.1380, 69.7206
Hunter-Lab	43.2717, 30.8460, 25.8648

Details

The XYZ color **25.8349, 18.7244, 3.2298** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **17.9011, 19.7689, 53.3238**, and the grayscale version is **15.9533, 16.7841, 18.2779**.

A 20% lighter version of the original color is **52.2526, 41.1418, 12.2083**, and **10.4317, 6.5041, 0.7056** is the 20% darker color. If you saturate the color by 10%, you get **24.7606, 16.8156, 2.1332**, and if you desaturate by 10%, it is **27.2141, 21.0142, 5.1350**.

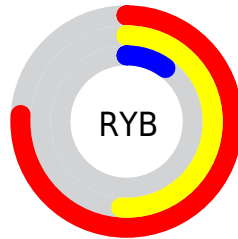
Distribution



Red (76%)

Green (35%)

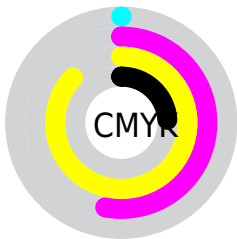
Blue (10%)



Red (76%)

Yellow (51%)

Blue (10%)

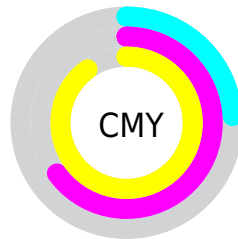


Cyan (0%)

Magenta (53%)

Yellow (87%)

Black (24%)



Cyan (24%)


Magenta (65%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8349, 18.7244, 3.2298 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 25.8349, 18.7244, 3.2298 by changing the saturation by 10% instead.


 25.8349, 18.7244,
3.2298


 25.8349, 18.7244,
3.2298


274.2423,
244.9230, 139.2357

 16.8322, 11.4713,
1.2131


 52.4417, 41.2679,
12.1904

 10.2095, 6.3848,
0.0000


 70.7765, 57.3271,
19.9714

 5.6014, 3.0804,
0.0000


 92.9527, 77.0904,
30.5110

 2.6426, 1.1739,
0.0000

 119.3356,
100.9422, 44.2276

 0.9677, 0.0402,
0.0000

 150.2907,
129.2670, 61.5399

 0.0000, 0.0000,
0.0000

 186.1833,

162.4492, 82.8663

227.3787,
200.8731, 108.6254

25.8349, 18.7244,
3.2298

25.8349, 18.7244,
3.2298

24.7606, 16.8156,
2.1332

27.2141, 21.0142,
5.1350

24.4389, 16.2310,
1.8448

28.9309, 23.7068,
7.9919

31.0130, 26.8250,
11.9106

33.4842, 30.3883,
16.9859

36.3662, 34.4152,
23.3019

■ 39.6788, 38.9226,
30.9347

■ 43.4404, 43.9268,
39.9544

■ 47.6683, 49.4432,
50.4259

■ 52.3789, 55.4863,
62.4101

Harmonies

Analogous

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



31.2431, 18.7244, 9.2325



25.8349, 18.7244, 3.2298



19.0409, 18.7244, 1.7040

Triad

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



25.8349, 18.7244, 3.2298



8.2807, 18.7244, 17.0997



23.2277, 18.7244, 71.0125

Complementary

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



25.8349, 18.7244, 3.2298



17.9011, 19.7689, 53.3238

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.



16.6085, 18.7244, 77.8142



25.8349, 18.7244, 3.2298



8.8972, 18.7244, 38.1315

Square

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



25.8349, 18.7244, 3.2298



9.6853, 18.7244, 6.1127



11.6275, 18.7244, 63.3073



29.5068, 18.7244, 48.0404

Rectangle

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



25.8349, 18.7244, 3.2298



14.9909, 18.7244, 1.8788



11.6275, 18.7244, 63.3073



20.9331, 18.7244, 75.6733

Sweetspot

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



25.8353, 18.7254, 3.2301



71.1419, 69.8137, 55.5838



26.5104, 13.7358, 23.0003



14.7982, 14.3508, 10.8397



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.



25.8353, 18.7254, 3.2301



43.5512, 28.6310, 3.2309



36.6910, 40.4369, 6.8487



10.3826, 10.6966, 10.5793



16.3270, 10.9397, 1.2510



0.7722, 0.6062, 0.0763

Inverse Universe

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



17.9011, 19.7689, 53.3238



28.8152, 30.0470, 94.6412



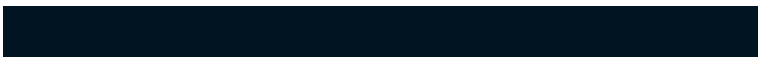
11.1196, 6.2058, 51.0633



10.0338, 10.7590, 12.8327



10.8714, 11.4993, 35.2032



0.5347, 0.6268, 1.5427

Previews

White Background



This preview shows how the XYZ color 25.8349, 18.7244, 3.2298 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 25.8349, 18.7244, 3.2298 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 25.8349, 18.7244, 3.2298

Background



This preview shows how black text looks on a background with the XYZ color 25.8349, 18.7244, 3.2298.



This preview shows how white text looks on a background with the XYZ color 25.8349, 18.7244,

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

25.8349, 18.7244, 3.2298

Protanopia

17.1178, 18.9411, 4.2672

Deuteranopia

19.0100, 18.7276, 2.8426



Tritanopia

27.5215, 18.6809, 11.8281

Trichromacy



Original Color

25.8349, 18.7244, 3.2298

Protanomaly

19.5336, 18.3187, 3.8027

Deuteranomaly

21.0741, 18.3531, 2.8837

Tritanomaly

26.5890, 18.5302, 7.4855

Monochromacy



Original Color

25.8349, 18.7244, 3.2298

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9023, 16.5520, 10.2339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8349, 18.7244, 3.2298 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(193, 90, 26)` looks like.

```
.text, #text, p{  
    color:rgb(193, 90, 26)  
}
```

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(193, 90, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 90, 26) }
```

Border

The CSS property to change the border of an element to XYZ 25.8349, 18.7244, 3.2298 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(193, 90, 26) }
```


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

```
.border{ border-color:rgb(193, 90, 26) }
```

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

Here you see how a box with a 4 pixel rgb(193, 90, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 90, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 90, 26);  
box-shadow:4px 4px 4px 4px rgb(193, 90,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8349, 18.7244, 3.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 90, 26) }
```

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

```
.background{ background-color: rgb(193, 90,  
26) }
```

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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