

Converting Colors

XYZ(25.6406, 19.3074, 0.9098)

Have a look what the booklet for
XYZ(25.6406, 19.3074, 0.9098)
contains.

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Color

**XYZ(25.8304, 19.3909,
2.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	C05F00
RGB	192, 95, 0
RGB Percent	75%, 37%, 0%
CMY	0.2471, 0.6274, 1.0000
CMYK	0.00, 0.51, 1.00, 0.25
HSL	30°, 100%, 38%
HSV	30°, 100%, 75%
XYZ	25.8304, 19.3909, 2.3814
YIQ	113.1730, 88.3070, -8.9810

Conversions

Conversions Part 2

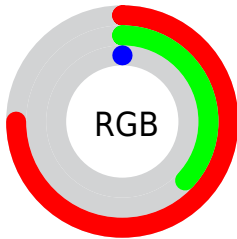
Format	Color
R_{YB}	192, 188, 0
Decimal	12607232
CIE _{Lab}	51.14, 34.46, 59.83
CIE _{LCh}	51, 69.047, 60.056
Yxy	19.3909, 0.5426, 0.4073
Android (android.graphics.Color)	4290797312 (0xFFC05F00)
YUV	113.1730, -55.7943, 69.1313
Hunter-Lab	44.0351, 27.6443, 27.6182

Details

The XYZ color **25.8304, 19.3909, 2.3814** 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 **13.7888, 12.3547, 51.5266**, and the grayscale version is **15.8905, 16.7181, 18.2060**.

A 20% lighter version of the original color is **52.5709, 42.4863, 10.1325**, and **10.3371, 6.7793, 0.7637** is the 20% darker color. If you saturate the color by 10%, you get **25.8306, 19.3915, 2.3815**, and if you desaturate by 10%, it is **26.8790, 21.2974, 3.3194**.

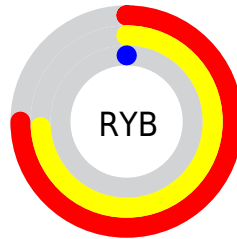
Distribution



Red (75%)

Green (37%)

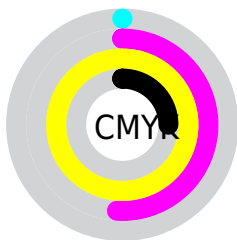
Blue (0%)



Red (75%)

Yellow (74%)

Blue (0%)

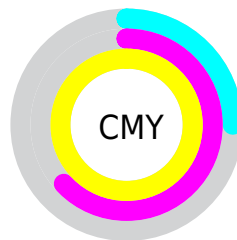


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8304, 19.3909, 2.3814 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 25.8304, 19.3909, 2.3814 by changing the saturation by 10% instead.


 25.8304, 19.3909,
2.3814

 25.8304, 19.3909,
2.3814

274.2205,
248.5983, 128.0434


 16.8288, 11.9531,
0.7763


 52.4345, 42.3936,
10.0595


 10.2071, 6.7117,
0.0000


 70.7677, 58.7272,
16.9815

 5.5998, 3.2825,
0.0000

 92.9421, 78.7950,
26.5169

 2.6416, 1.2809,
0.0000

 119.3232,
102.9811, 39.0842


 0.9672, 0.1264,
0.0000


 150.2762,
131.6702, 55.1020


 0.0000, 0.0000,
0.0000


 186.1665,


165.2465, 74.9887


 227.3595,
204.0944, 99.1630


 25.8304, 19.3909,
2.3814

 25.8304, 19.3909,
2.3814


 25.8306, 19.3915,
2.3815

 26.8790, 21.2974,
3.3194

 28.1576, 23.4752,
4.9153

 29.7125, 25.9495,
7.3932

 31.5688, 28.7356,
10.8677

 33.7478, 31.8476,
15.4359

■ 36.2689, 35.2980,
21.1830

■ 39.1493, 39.0989,
28.1858

■ 42.4053, 43.2612,
36.5145

■ 46.0517, 47.7957,
46.2341

Harmonies

Analogous

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



32.3684, 19.3909, 7.2813



25.8304, 19.3909, 2.3814



18.4176, 19.3909, 1.3875

Triad

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



25.8304, 19.3909, 2.3814



8.1359, 19.3909, 21.1503



25.8584, 19.3909, 73.5997

Complementary

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



25.8304, 19.3909, 2.3814



13.7888, 12.3547, 51.5266

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.



18.4434, 19.3909, 85.9074



25.8304, 19.3909, 2.3814



9.2082, 19.3909, 46.2507

Square

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



25.8304, 19.3909, 2.3814



9.2000, 19.3909, 7.3128



12.5989, 19.3909, 73.6846



32.3872, 19.3909, 46.1430

Rectangle

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



25.8304, 19.3909, 2.3814



14.2666, 19.3909, 1.7950



12.5989, 19.3909, 73.6846



23.3346, 19.3909, 80.1996

Sweetspot

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



25.8308, 19.3920, 2.3817



70.6696, 70.4980, 50.4042



23.9998, 12.1112, 12.9278



14.6705, 14.4821, 9.6053



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.



25.8308, 19.3920, 2.3817



46.5529, 34.6344, 4.2315



39.8924, 47.5152, 7.0689



10.4756, 10.8826, 10.6103



17.4591, 13.2040, 1.6284



0.8233, 0.7084, 0.0934

Inverse Universe

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



13.7888, 12.3547, 51.5266



24.7319, 21.8805, 93.2801



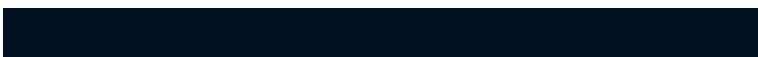
9.5492, 3.8753, 50.1133



9.9394, 10.5701, 12.8012



9.3564, 8.4692, 34.6982



0.4732, 0.5037, 1.5222

Previews

White Background



This preview shows how the XYZ color 25.8304, 19.3909, 2.3814 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 25.8304, 19.3909, 2.3814 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 25.8304, 19.3909, 2.3814

Background



This preview shows how black text looks on a background with the XYZ color 25.8304, 19.3909, 2.3814.



This preview shows how white text looks on a background with the XYZ color 25.8304, 19.3909,

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

25.8304, 19.3909, 2.3814

Protanopia

17.6654, 19.6097, 3.3843

Deuteranopia

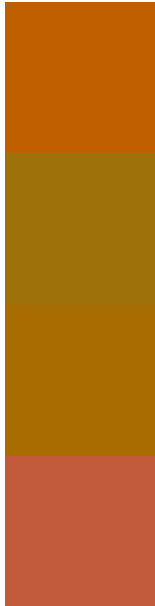
19.7630, 19.4593, 2.7144



Tritanopia

28.0158, 19.3897, 12.8557

Trichromacy



Original Color

25.8304, 19.3909, 2.3814

Protanomaly

20.0661, 19.1035, 2.9464

Deuteranomaly

21.5110, 19.0500, 2.5433

Tritanomaly

26.8048, 19.2777, 6.5832

Monochromacy



Original Color

25.8304, 19.3909, 2.3814

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.4791, 16.5267, 8.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8304, 19.3909, 2.3814 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(192, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 95, 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(192, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 95, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8304, 19.3909, 2.3814 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(192, 95, 0) }
```


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

```
.border{ border-color:rgb(192, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8304, 19.3909, 2.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 95, 0) }
```

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

```
.background{ background-color: rgb(192, 95,  
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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