

Converting Colors

XYZ(25.2805, 18.9741, 0.0000)

Have a look what the booklet for
XYZ(25.2805, 18.9741, 0.0000)
contains.

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Color

**XYZ(25.7409, 19.2119,
2.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	C05E00
RGB	192, 94, 0
RGB Percent	75%, 37%, 0%
CMY	0.2471, 0.6313, 1.0000
CMYK	0.00, 0.51, 1.00, 0.25
HSL	29°, 100%, 38%
HSV	29°, 100%, 75%
XYZ	25.7409, 19.2119, 2.3516
YIQ	112.5860, 88.5820, -8.4580

Conversions

Conversions Part 2

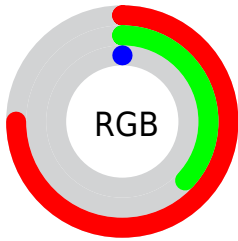
Format	Color
RYB	192, 184, 0
Decimal	12606976
CIELab	50.93, 34.98, 59.71
CIELCh	51, 69.201, 59.633
Yxy	19.2119, 0.5442, 0.4061
Android (android.graphics.Color)	4290797056 (0xFFC05E00)
YUV	112.5860, -55.5049, 69.6461
Hunter-Lab	43.8314, 28.1230, 27.5010

Details

The XYZ color **25.7409, 19.2119, 2.3516** 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 **13.8819, 12.5408, 51.5576**, and the grayscale version is **15.7149, 16.5333, 18.0048**.

A 20% lighter version of the original color is **52.3884, 42.1656, 9.9350**, and **10.2985, 6.7021, 0.7508** is the 20% darker color. If you saturate the color by 10%, you get **25.7410, 19.2124, 2.3517**, and if you desaturate by 10%, it is **26.7881, 21.1157, 3.2892**.

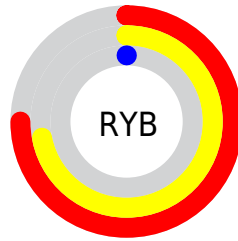
Distribution



Red (75%)

Green (37%)

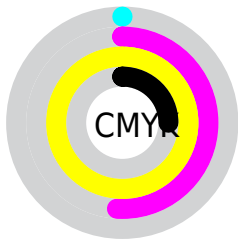
Blue (0%)



Red (75%)

Yellow (72%)

Blue (0%)

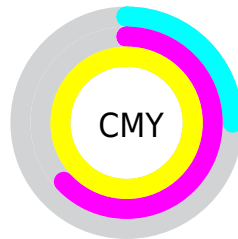


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7409, 19.2119, 2.3516 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 25.7409, 19.2119, 2.3516 by changing the saturation by 10% instead.


 25.7409, 19.2119,
2.3516


 25.7409, 19.2119,
2.3516


273.7879,
247.6161, 127.6175


 16.7616, 11.8235,
0.7599


 52.2909, 42.0919,
9.9815

 10.1589, 6.6236,
0.0000


 70.5924, 58.3522,
16.8709

 5.5675, 3.2278,
0.0000

 92.7319, 78.3386,
26.3680

 2.6221, 1.2518,
0.0000

 119.0748,
102.4356, 38.8913

 0.9572, 0.1034,
0.0000


 149.9865,
131.0274, 54.8593


 0.0000, 0.0000,
0.0000


 185.8324,


164.4985, 74.6907


 226.9777,
203.2332, 98.8039


 25.7409, 19.2119,
2.3516


 25.7409, 19.2119,
2.3516


 25.7410, 19.2124,
2.3517

 26.7881, 21.1157,
3.2892

 28.0674, 23.2948,
4.8853

 29.6251, 25.7745,
7.3642

 31.4863, 28.5706,
10.8404

 33.6727, 31.6972,
15.4111

■ 36.2035, 35.1672,
21.1615

■ 39.0963, 38.9927,
28.1685

■ 42.3672, 43.1850,
36.5023

■ 46.0314, 47.7549,
46.2279

Harmonies

Analogous

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



32.2280, 19.2119, 7.2836



25.7409, 19.2119, 2.3516



18.3446, 19.2119, 1.3425

Triad

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



25.7409, 19.2119, 2.3516



8.0205, 19.2119, 20.6784



25.5580, 19.2119, 73.6380

Complementary

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



25.7409, 19.2119, 2.3516



13.8819, 12.5408, 51.5576

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.



18.1763, 19.2119, 85.6226



25.7409, 19.2119, 2.3516



9.0549, 19.2119, 45.5865

Square

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



25.7409, 19.2119, 2.3516



9.1078, 19.2119, 7.0789



12.3907, 19.2119, 73.0816



32.1052, 19.2119, 46.2919

Rectangle

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



25.7409, 19.2119, 2.3516



14.1918, 19.2119, 1.7245



12.3907, 19.2119, 73.0816



23.0405, 19.2119, 80.1477

Sweetspot

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



25.7413, 19.2130, 2.3519



70.5720, 70.3029, 50.3717



23.9999, 12.1112, 12.9279



14.6475, 14.4360, 9.5976



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.



25.7413, 19.2130, 2.3519



46.3914, 34.3113, 4.1776



39.8924, 47.5152, 7.0690



10.4712, 10.8738, 10.6088



17.3987, 13.0831, 1.6083



0.8207, 0.7033, 0.0925

Inverse Universe

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



13.8819, 12.5408, 51.5576



24.8999, 22.2165, 93.3361



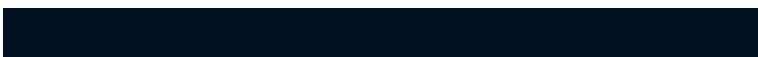
9.5492, 3.8754, 50.1133



9.9438, 10.5789, 12.8027



9.4191, 8.5947, 34.7191



0.4758, 0.5091, 1.5231

Previews

White Background



This preview shows how the XYZ color 25.7409, 19.2119, 2.3516 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 25.7409, 19.2119, 2.3516 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 25.7409, 19.2119, 2.3516

Background



This preview shows how black text looks on a background with the XYZ color 25.7409, 19.2119, 2.3516.



This preview shows how white text looks on a background with the XYZ color 25.7409, 19.2119,

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

25.7409, 19.2119, 2.3516

Protanopia

17.3772, 19.2779, 3.3354

Deuteranopia

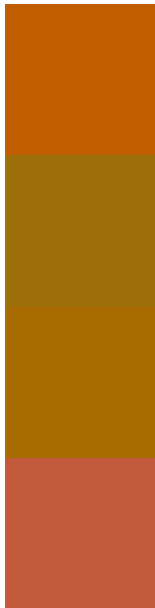
19.5718, 19.3608, 2.7055



Tritanopia

27.8897, 19.2088, 12.5936

Trichromacy



Original Color

25.7409, 19.2119, 2.3516

Protanomaly

19.7592, 18.7806, 2.9002

Deuteranomaly

21.5110, 19.0500, 2.5433

Tritanomaly

26.6937, 19.0974, 6.4169

Monochromacy



Original Color

25.7409, 19.2119, 2.3516

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 25.7409, 19.2119, 2.3516 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, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 94, 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, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.7409, 19.2119, 2.3516 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, 94, 0) }
```


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

```
.border{ border-color:rgb(192, 94, 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, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.7409, 19.2119, 2.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 94, 0) }
```

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

```
.background{ background-color: rgb(192, 94,  
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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