

Converting Colors

XYZ(30.3391, 26.0103, 4.3909)

Have a look what the booklet for
XYZ(30.3391, 26.0103, 4.3909)
contains.

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Color

**XYZ(30.1719, 25.8640,
4.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	C57A1A
RGB	197, 122, 26
RGB Percent	77%, 48%, 10%
CMY	0.2275, 0.5215, 0.8980
CMYK	0.00, 0.38, 0.87, 0.23
HSL	34°, 77%, 44%
HSV	34°, 87%, 77%
XYZ	30.1719, 25.8640, 4.3793
YIQ	133.4810, 75.5160, -13.9560

Conversions

Conversions Part 2

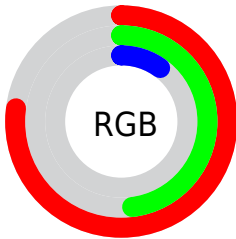
Format	Color
RYB	160, 197, 26
Decimal	12941850
CIELab	57.91, 22.51, 58.90
CIELCh	58, 63.059, 69.082
Yxy	25.8640, 0.4994, 0.4281
Android (android.graphics.Color)	4291131930 (0xFFC57A1A)
YUV	133.4810, -52.9881, 55.7062
Hunter-Lab	50.8567, 16.9001, 30.4942

Details

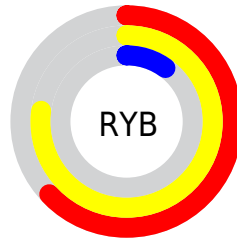
The XYZ color **30.1719, 25.8640, 4.3793** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **15.1574, 13.5576, 54.6407**, and the grayscale version is **22.6390, 23.8180, 25.9378**.

A 20% lighter version of the original color is **58.0552, 52.5140, 14.8610**, and **12.6991, 10.0835, 1.2770** is the 20% darker color. If you saturate the color by 10%, you get **29.0063, 23.7762, 3.2415**, and if you desaturate by 10%, it is **31.5818, 28.2027, 6.3334**.

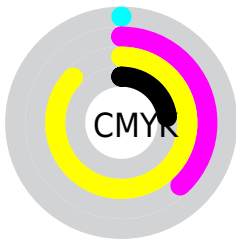
Distribution



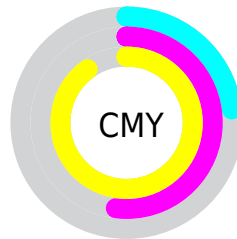
- Red (77%)
- Green (48%)
- Blue (10%)



- Red (63%)
- Yellow (77%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (87%)
- Black (23%)





- Cyan (23%)
- Magenta (52%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1719, 25.8640, 4.3793 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 30.1719, 25.8640, 4.3793 by changing the saturation by 10% instead.

 30.1719, 25.8640,
4.3793


 30.1719, 25.8640,
4.3793


294.6004,
282.1138, 152.3523


 20.1178, 16.7219,
1.8356


 59.3187, 53.0555,
14.8755


 12.5895, 10.0364,
0.4513


 79.1421, 71.8736,
23.6651

 7.2215, 5.4231,
0.0000


 102.9527, 94.6860,
35.3738


 3.6486, 2.4976,
0.0000

 131.1158,
121.8769, 50.4201

 1.5053, 0.8754,
0.0000

 163.9967,
153.8307, 69.2226

 0.3294, 0.0000,
0.0000

 201.9609,

 0.0000, 0.0000,

190.9319, 92.1998

0.0000

245.3737,
233.5648, 119.7702

30.1719, 25.8640,
4.3793

30.1719, 25.8640,
4.3793

29.0063, 23.7762,
3.2415

31.5818, 28.2027,
6.3334

28.6667, 23.1523,
2.9579

33.2656, 30.8046,
9.2552

35.2477, 33.6841,
13.2599

37.5489, 36.8531,
18.4461

40.1878, 40.3224,
24.9011

■ 43.1814, 44.1021,
32.7039

■ 46.5451, 48.2017,
41.9269

■ 50.2938, 52.6300,
52.6375

■ 54.4410, 57.3957,
64.8987

Harmonies

Analogous

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



37.7450, 25.8640, 9.1720



30.1719, 25.8640, 4.3793



22.3498, 25.8640, 3.7652

Triad

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



30.1719, 25.8640, 4.3793



12.8018, 25.8640, 35.2900



34.9824, 25.8640, 74.6771

Complementary

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



30.1719, 25.8640, 4.3793



15.1574, 13.5576, 54.6407

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.



26.9601, 25.8640, 92.9051



30.1719, 25.8640, 4.3793



14.9032, 25.8640, 63.5969

Square

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



30.1719, 25.8640, 4.3793



13.3128, 25.8640, 15.7168



19.7307, 25.8640, 88.0477



40.8957, 25.8640, 45.8806

Rectangle

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



30.1719, 25.8640, 4.3793



18.1481, 25.8640, 5.1478



19.7307, 25.8640, 88.0477



32.3832, 25.8640, 82.7775

Sweetspot

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



30.1725, 25.8653, 4.3798



77.5682, 79.2719, 59.1863



25.8409, 13.5875, 14.0800



16.1813, 16.4423, 11.5479



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.



30.1725, 25.8653, 4.3798



51.0873, 40.9545, 5.2124



41.0024, 50.7552, 8.6132



11.1195, 11.6082, 11.2173



18.9400, 15.3973, 1.9737



0.9680, 0.8715, 0.1172

Inverse Universe

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



15.1574, 13.5576, 54.6407



23.8260, 18.7719, 96.9753



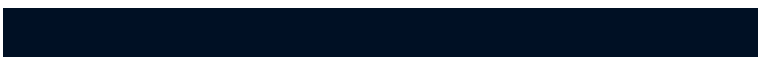
11.1255, 5.1197, 53.2245



10.4330, 11.0401, 13.4986



8.9187, 7.2314, 35.6701



0.4941, 0.4860, 1.7129

Previews

White Background



This preview shows how the XYZ color 30.1719, 25.8640, 4.3793 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 30.1719, 25.8640, 4.3793 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 30.1719, 25.8640, 4.3793

Background



This preview shows how black text looks on a background with the XYZ color 30.1719, 25.8640, 4.3793.



This preview shows how white text looks on a background with the XYZ color 30.1719, 25.8640,

4.3793.

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

30.1719, 25.8640, 4.3793

Protanopia

23.5300, 26.0232, 5.0791

Deuteranopia

26.2733, 25.7797, 4.2073



Tritanopia

33.8873, 25.9963, 21.6441

Trichromacy



Original Color

30.1719, 25.8640, 4.3793

Protanomaly

25.6226, 25.6344, 4.7599

Deuteranomaly

27.6312, 25.6866, 4.2607

Tritanomaly

31.9010, 25.6901, 12.2941

Monochromacy



Original Color

30.1719, 25.8640, 4.3793

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5809, 23.5766, 13.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1719, 25.8640, 4.3793 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(197, 122, 26)` looks like.

```
.text, #text, p{  
    color:rgb(197, 122, 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(197, 122, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 122, 26) }
```

Border

The CSS property to change the border of an element to XYZ 30.1719, 25.8640, 4.3793 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(197, 122, 26) }
```


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

```
.border{ border-color:rgb(197, 122, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 122, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 122, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 122, 26);  
box-shadow:4px 4px 4px 4px rgb(197, 122,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1719, 25.8640, 4.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 122, 26) }
```

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

```
.background{ background-color: rgb(197,  
122, 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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