

Converting Colors

XYZ(25.2458, 18.9686, 2.3307)

Have a look what the booklet for
XYZ(25.2458, 18.9686, 2.3307)
contains.

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Color

**XYZ(25.2379, 18.9526,
2.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5E00
RGB	190, 94, 0
RGB Percent	75%, 37%, 0%
CMY	0.2549, 0.6313, 1.0000
CMYK	0.00, 0.51, 1.00, 0.25
HSL	30°, 100%, 37%
HSV	30°, 100%, 75%
XYZ	25.2379, 18.9526, 2.3280
YIQ	111.9880, 87.3900, -8.8820

Conversions

Conversions Part 2

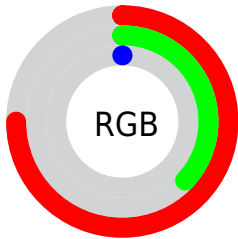
Format	Color
R_{YB}	190, 186, 0
Decimal	12475904
CIE _{Lab}	50.63, 34.17, 59.37
CIE _{LCh}	51, 68.501, 60.081
Yxy	18.9526, 0.5425, 0.4074
Android (android.graphics.Color)	4290665984 (0xFFBE5E00)
YUV	111.9880, -55.2101, 68.4165
Hunter-Lab	43.5346, 27.2946, 27.3037

Details

The XYZ color **25.2379, 18.9526, 2.3280** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.4768, 12.0828, 50.3366**, and the grayscale version is **15.5374, 16.3465, 17.8014**.

A 20% lighter version of the original color is **51.6564, 41.7882, 9.9008**, and **9.9916, 6.5439, 0.7365** is the 20% darker color. If you saturate the color by 10%, you get **25.2381, 18.9533, 2.3282**, and if you desaturate by 10%, it is **26.2633, 20.8156, 3.2498**.

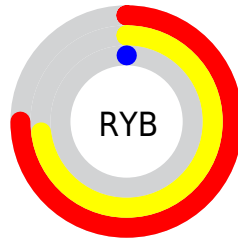
Distribution



Red (75%)

Green (37%)

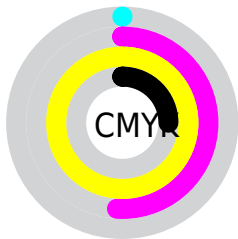
Blue (0%)



Red (75%)

Yellow (73%)

Blue (0%)

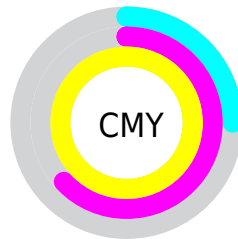


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2379, 18.9526, 2.3280 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 25.2379, 18.9526, 2.3280 by changing the saturation by 10% instead.


 25.2379, 18.9526,
2.3280


 25.2379, 18.9526,
2.3280


271.3465,
246.1870, 127.2784


 16.3841, 11.6360,
0.7468


 51.4830, 41.6540,
9.9196

 9.8889, 6.4964,
0.0000


 69.6050, 57.8076,
16.7830

 5.3871, 3.1492,
0.0000


 91.5471, 77.6757,
26.2495

 2.5132, 1.2101,
0.0000

 117.6747,
101.6426, 38.7378

 0.9019, 0.0699,
0.0000


 148.3530,
130.0928, 54.6662


 0.0000, 0.0000,
0.0000


 183.9475,


163.4107, 74.4535


 224.8236,
201.9806, 98.5180


 25.2379, 18.9526,
2.3280


 25.2379, 18.9526,
2.3280

 25.2381, 18.9533,
2.3282

 26.2633, 20.8156,
3.2498

 27.5130, 22.9432,
4.8124

 29.0324, 25.3601,
7.2362

 30.8458, 28.0813,
10.6326

 32.9743, 31.1205,
15.0962

■ 35.4364, 34.4899,
20.7101

■ 38.2492, 38.2013,
27.5491

■ 41.4283, 42.2653,
35.6816

■ 44.9884, 46.6924,
45.1710

Harmonies

Analogous

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



31.6276, 18.9526, 7.1126



25.2379, 18.9526, 2.3280



17.9956, 18.9526, 1.3580

Triad

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



25.2379, 18.9526, 2.3280



7.9543, 18.9526, 20.6885



25.2775, 18.9526, 71.8947

Complementary

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



25.2379, 18.9526, 2.3280



13.4768, 12.0828, 50.3366

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.



18.0321, 18.9526, 83.9364



25.2379, 18.9526, 2.3280



9.0040, 18.9526, 45.2193

Square

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



25.2379, 18.9526, 2.3280



8.9925, 18.9526, 7.1572



12.3194, 18.9526, 72.0149



31.6542, 18.9526, 45.0667

Rectangle

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



25.2379, 18.9526, 2.3280



13.9408, 18.9526, 1.7576



12.3194, 18.9526, 72.0149



22.8118, 18.9526, 78.3471

Sweetspot

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



25.2383, 18.9536, 2.3283



69.0500, 68.8842, 49.2654



23.4476, 11.8321, 12.6449



14.6703, 14.4817, 9.6052



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.



25.2383, 18.9536, 2.3283



45.4876, 33.8504, 4.1363



38.9698, 46.4167, 6.9055



9.9095, 10.2949, 10.0415



16.8604, 12.7596, 1.5742



0.7259, 0.6307, 0.0835

Inverse Universe

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



13.4768, 12.0828, 50.3366



24.1724, 21.3967, 91.1351



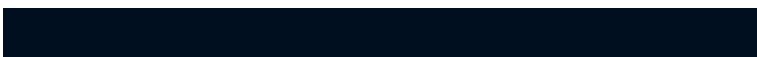
9.3286, 3.7865, 48.9539



9.4041, 10.0005, 12.1069



9.0399, 8.1915, 33.4976



0.4195, 0.4516, 1.3339

Previews

White Background



This preview shows how the XYZ color 25.2379, 18.9526, 2.3280 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 25.2379, 18.9526, 2.3280 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 25.2379, 18.9526, 2.3280

Background



This preview shows how black text looks on a background with the XYZ color 25.2379, 18.9526, 2.3280.



This preview shows how white text looks on a background with the XYZ color 25.2379, 18.9526,

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

25.2379, 18.9526, 2.3280

Protanopia

17.3772, 19.2779, 3.3354

Deuteranopia

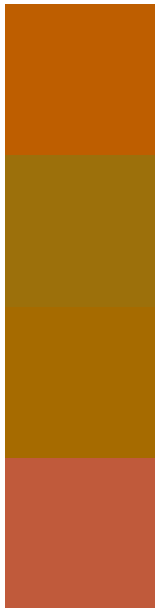
19.2676, 19.0338, 2.6584



Tritanopia

27.3763, 18.9442, 12.5696

Trichromacy



Original Color

25.2379, 18.9526, 2.3280

Protanomaly

19.5649, 18.6804, 2.8911

Deuteranomaly

20.9836, 18.6224, 2.4885

Tritanomaly

26.1838, 18.8346, 6.3931

Monochromacy



Original Color

25.2379, 18.9526, 2.3280

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.0041, 16.1335, 8.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2379, 18.9526, 2.3280 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(190, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2379, 18.9526, 2.3280 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(190, 94, 0) }
```


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

```
.border{ border-color:rgb(190, 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(190, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(190, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.2379, 18.9526, 2.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 0) }
```

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

```
.background{ background-color: rgb(190, 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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