

Converting Colors

XYZ(26.5084, 19.6075, 2.3875)

Have a look what the booklet for
XYZ(26.5084, 19.6075, 2.3875)
contains.

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Color

**XYZ(26.5084, 19.6075,
2.3875)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C35E00 |
| RGB | 195, 94, 0 |
| RGB Percent | 76%, 37%, 0% |
| CMY | 0.2353, 0.6313, 1.0000 |
| CMYK | 0.00, 0.52, 1.00, 0.24 |
| HSL | 29°, 100%, 38% |
| HSV | 29°, 100%, 76% |
| XYZ | 26.5084, 19.6075, 2.3875 |
| YIQ | 113.4830, 90.3700, -7.8220 |

Conversions

Conversions Part 2

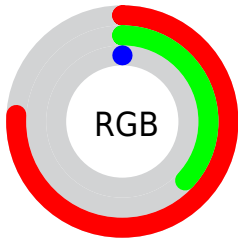
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 195, 181, 0 |
| Decimal | 12803584 |
| CIE Lab | 51.39, 36.20, 60.21 |
| CIE LCh | 51, 70.256, 58.985 |
| Yxy | 19.6075, 0.5465, 0.4043 |
| Android (android.graphics.Color) | 4290993664 (0xFFC35E00) |
| YUV | 113.4830, -55.9471, 71.4904 |
| Hunter-Lab | 44.2804, 29.3683, 27.7995 |

Details

The XYZ color **26.5084, 19.6075, 2.3875** 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 **14.5039, 13.2473, 53.4219**, and the grayscale version is **15.9833, 16.8157, 18.3123**.

A 20% lighter version of the original color is **52.4161, 42.1767, 10.0809**, and **10.7322, 6.8697, 0.7603** is the 20% darker color. If you saturate the color by 10%, you get **26.5085, 19.6080, 2.3876**, and if you desaturate by 10%, it is **27.5884, 21.5728, 3.3489**.

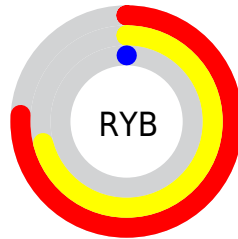
Distribution



Red (76%)

Green (37%)

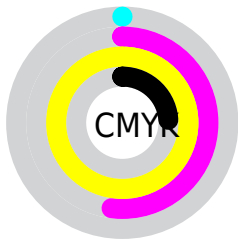
Blue (0%)



Red (76%)

Yellow (71%)

Blue (0%)

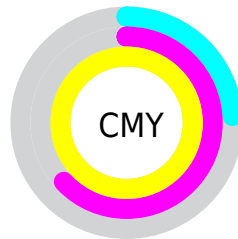


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5084, 19.6075, 2.3875 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 26.5084, 19.6075, 2.3875 by changing the saturation by 10% instead.


 26.5084, 19.6075,
2.3875


 26.5084, 19.6075,
2.3875


277.4801,
249.7823, 128.1302


 17.3390, 12.1101,
0.7796


 53.5195, 42.7581,
10.0754


 10.5733, 6.8187,
0.0000


 72.0919, 59.1801,
17.0041

 5.8459, 3.3490,
0.0000

 94.5294, 79.3458,
26.5473

 2.7913, 1.3165,
0.0000

 121.1972,
103.6394, 39.1236

 1.0444, 0.1539,
0.0000


 152.4609,
132.4455, 55.1515


 0.0000, 0.0000,
0.0000


 188.6857,


166.1484, 75.0495


 230.2370,
205.1326, 99.2362


 26.5084, 19.6075,
2.3875


 26.5084, 19.6075,
2.3875


 26.5085, 19.6080,
2.3876

 27.5884, 21.5728,
3.3489

 28.9124, 23.8296,
4.9957

 30.5281, 26.4046,
7.5583

 32.4620, 29.3145,
11.1561

 34.7367, 32.5742,
15.8899

■ 37.3723, 36.1976,
21.8484

■ 40.3872, 40.1975,
29.1116

■ 43.7984, 44.5859,
37.7524

■ 47.6217, 49.3743,
47.8384

Harmonies

Analogous

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



33.1442, 19.6075, 7.5445



26.5084, 19.6075, 2.3875



18.8770, 19.6075, 1.3201

Triad

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



26.5084, 19.6075, 2.3875



8.1220, 19.6075, 20.6704



25.9870, 19.6075, 76.3033

Complementary

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



26.5084, 19.6075, 2.3875



14.5039, 13.2473, 53.4219

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.



18.3978, 19.6075, 88.1976



26.5084, 19.6075, 2.3875



9.1337, 19.6075, 46.1513

Square

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



26.5084, 19.6075, 2.3875



9.2835, 19.6075, 6.9659



12.5010, 19.6075, 74.7105



32.7937, 19.6075, 48.1669

Rectangle

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



26.5084, 19.6075, 2.3875



14.5743, 19.6075, 1.6765



12.5010, 19.6075, 74.7105



23.3906, 19.6075, 82.8993

Sweetspot

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



26.5088, 19.6086, 2.3878



72.0663, 71.6441, 51.4766



25.0044, 12.6017, 14.2118



15.2577, 14.9994, 9.9941



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.



26.5088, 19.6086, 2.3878



47.2306, 34.6247, 4.1939



40.5957, 47.7823, 7.0835



10.4649, 10.8612, 10.6067



17.3126, 12.9109, 1.5796



0.8170, 0.6958, 0.0912

Inverse Universe

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



14.5039, 13.2473, 53.4219



25.7250, 23.2227, 95.5964



9.9209, 4.0814, 51.8943



9.9501, 10.5915, 12.8048



9.5112, 8.7789, 34.7498



0.4797, 0.5168, 1.5244

Previews

White Background



This preview shows how the XYZ color 26.5084, 19.6075, 2.3875 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 26.5084, 19.6075, 2.3875 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 26.5084, 19.6075, 2.3875

Background



This preview shows how black text looks on a background with the XYZ color 26.5084, 19.6075, 2.3875.



This preview shows how white text looks on a background with the XYZ color 26.5084, 19.6075,

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

26.5084, 19.6075, 2.3875

Protanopia

17.8316, 19.6954, 3.3921

Deuteranopia

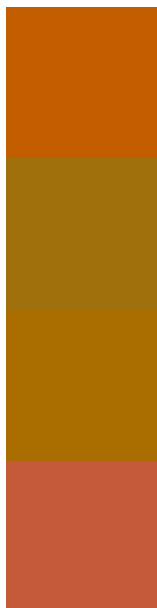
19.8789, 19.6911, 2.7530



Tritanopia

28.6727, 19.6125, 12.6303

Trichromacy



Original Color

26.5084, 19.6075, 2.3875

Protanomaly

20.1527, 18.9834, 2.9186

Deuteranomaly

22.0462, 19.4833, 2.5987

Tritanomaly

27.4715, 19.4984, 6.4533

Monochromacy



Original Color

26.5084, 19.6075, 2.3875

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.6514, 16.6156, 8.4077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5084, 19.6075, 2.3875 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(195, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5084, 19.6075, 2.3875 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(195, 94, 0) }
```


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

```
.border{ border-color:rgb(195, 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(195, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.5084, 19.6075, 2.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 94, 0) }
```

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

```
.background{ background-color: rgb(195, 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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