

Converting Colors

XYZ(26.7803, 19.2977, 5.1097)

Have a look what the booklet for
XYZ(26.7803, 19.2977, 5.1097)
contains.

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Color

**XYZ(26.7803, 19.2977,
5.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	C35B30
RGB	195, 91, 48
RGB Percent	76%, 36%, 19%
CMY	0.2353, 0.6431, 0.8118
CMYK	0.00, 0.53, 0.75, 0.24
HSL	18°, 60%, 48%
HSV	18°, 75%, 76%
XYZ	26.7803, 19.2977, 5.1097
YIQ	117.1940, 75.7870, 8.6750

Conversions

Conversions Part 2

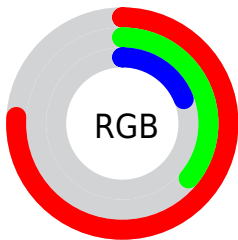
Format	Color
R_{YB}	195, 109, 48
Decimal	12802864
CIE _{Lab}	51.03, 38.85, 43.44
CIE _{LCh}	51, 58.276, 48.188
Yxy	19.2977, 0.5232, 0.3770
Android (android.graphics.Color)	4290992944 (0xFFC35B30)
YUV	117.1940, -34.1126, 68.2359
Hunter-Lab	43.9291, 31.9420, 23.8540

Details

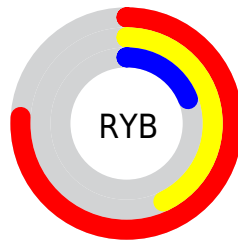
The XYZ color **26.7803, 19.2977, 5.1097** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **22.2966, 27.0232, 55.6703**, and the grayscale version is **17.0555, 17.9437, 19.5407**.

A 20% lighter version of the original color is **53.2201, 41.7680, 16.5663**, and **10.7505, 6.6685, 0.7205** is the 20% darker color. If you saturate the color by 10%, you get **25.3899, 17.0257, 3.0784**, and if you desaturate by 10%, it is **28.5652, 22.0762, 8.1450**.

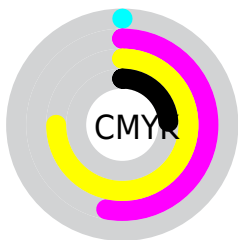
Distribution



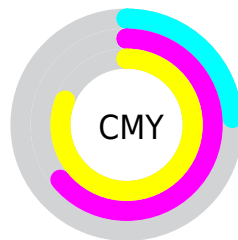
- Red (76%)
- Green (36%)
- Blue (19%)



- Red (76%)
- Yellow (43%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7803, 19.2977, 5.1097 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 26.7803, 19.2977, 5.1097 by changing the saturation by 10% instead.

 26.7803, 19.2977,
5.1097


 26.7803, 19.2977,
5.1097


278.7788,
248.0873, 159.8595


 17.5440, 11.8856,
2.2519


 53.9535, 42.2365,
16.4975


 10.7208, 6.6658,
0.7041


 72.6211, 58.5321,
25.8646


 5.9453, 3.2540,
0.0000


 95.1633, 78.5575,
38.2385

 2.8522, 1.2657,
0.0000

 121.9452,
102.6972, 54.0378

 1.0761, 0.1144,
0.0000

 153.3324,
131.3357, 73.6810

 0.0050, 0.0000,
0.0000

 189.6902,

 0.0000, 0.0000,

164.8573, 97.5866

0.0000

231.3838,
203.6464, 126.1733

■ 26.7803, 19.2977,
5.1097

■ 26.7803, 19.2977,
5.1097

■ 25.3899, 17.0257,
3.0784

■ 28.5652, 22.0762,
8.1450

■ 24.3555, 15.2231,
1.9132

■ 30.7749, 25.3881,
12.2956

■ 23.9710, 14.5330,
1.5417

■ 33.4378, 29.2622,
17.6586

■ 36.5793, 33.7240,
24.3206

■ 40.2229, 38.7974,
32.3599

■ 44.3903, 44.5049,
41.8487

■ 49.1020, 50.8679,
52.8540

■ 54.3773, 57.9067,
65.4387

■ 60.2345, 65.6407,
79.6621

Harmonies

Analogous

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



31.0348, 19.2977, 12.5703



26.7803, 19.2977, 5.1097



20.7087, 19.2977, 2.7295

Triad

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



26.7803, 19.2977, 5.1097



9.4822, 19.2977, 15.1543



22.0288, 19.2977, 67.9827

Complementary

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



26.7803, 19.2977, 5.1097



22.2966, 27.0232, 55.6703

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.



16.1627, 19.2977, 70.0042



26.7803, 19.2977, 5.1097



9.6895, 19.2977, 32.5766

Square

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



26.7803, 19.2977, 5.1097



11.2512, 19.2977, 6.1469



11.8932, 19.2977, 54.7205



27.9196, 19.2977, 50.1233

Rectangle

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



26.7803, 19.2977, 5.1097



16.8062, 19.2977, 2.6409



11.8932, 19.2977, 54.7205



19.9684, 19.2977, 70.7855

Sweetspot

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



26.7807, 19.2988, 5.1100



73.4762, 71.4662, 61.1886



29.3413, 16.0276, 31.8360



15.5255, 14.8705, 12.1315



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.



26.7807, 19.2988, 5.1100



44.2887, 28.4558, 4.0919



36.1629, 38.0631, 8.2374



10.3080, 10.5474, 10.5544



15.6440, 9.5737, 1.0234



0.7373, 0.5363, 0.0647

Inverse Universe

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



22.2966, 27.0232, 55.6703



35.6038, 42.3760, 98.7727



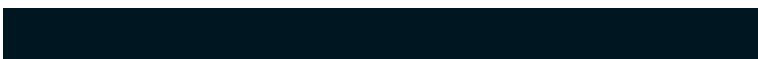
13.9271, 10.2841, 52.8804



10.1116, 10.9146, 12.8586



12.3802, 14.5169, 35.7062



0.5921, 0.7415, 1.5618

Previews

White Background



This preview shows how the XYZ color 26.7803, 19.2977, 5.1097 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 26.7803, 19.2977, 5.1097 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 26.7803, 19.2977, 5.1097

Background



This preview shows how black text looks on a background with the XYZ color 26.7803, 19.2977, 5.1097.



This preview shows how white text looks on a background with the XYZ color 26.7803, 19.2977,

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

26.7803, 19.2977, 5.1097

Protanopia

17.6897, 19.3654, 6.6764

Deuteranopia

19.7825, 19.4232, 4.8042



Tritanopia

28.2855, 19.2986, 12.3594

Trichromacy



Original Color

26.7803, 19.2977, 5.1097

Protanomaly

20.2549, 18.8033, 6.0519

Deuteranomaly

21.8608, 19.0221, 4.9023

Tritanomaly

27.5592, 19.2370, 9.0981

Monochromacy



Original Color

26.7803, 19.2977, 5.1097

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.9714, 17.5176, 12.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7803, 19.2977, 5.1097 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, 91, 48)` looks like.

```
.text, #text, p{  
    color:rgb(195, 91, 48)  
}
```

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, 91, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 91, 48) }
```

Border

The CSS property to change the border of an element to XYZ 26.7803, 19.2977, 5.1097 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, 91, 48) }
```


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

```
.border{ border-color:rgb(195, 91, 48) }
```

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

Here you see how a box with a 4 pixel rgb(195, 91, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 91, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 91, 48);  
box-shadow:4px 4px 4px 4px rgb(195, 91,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7803, 19.2977, 5.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 91, 48) }
```

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

```
.background{ background-color: rgb(195, 91,  
48) }
```

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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