

Converting Colors

XYZ(26.3296, 19.3415, 5.2153)

Have a look what the booklet for
XYZ(26.3296, 19.3415, 5.2153)
contains.

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Color

**XYZ(26.2070, 19.2569,
5.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	C05D31
RGB	192, 93, 49
RGB Percent	75%, 36%, 19%
CMY	0.2471, 0.6353, 0.8078
CMYK	0.00, 0.52, 0.74, 0.25
HSL	18°, 59%, 47%
HSV	18°, 74%, 75%
XYZ	26.2070, 19.2569, 5.2414
YIQ	117.5850, 73.1280, 7.3040

Conversions

Conversions Part 2

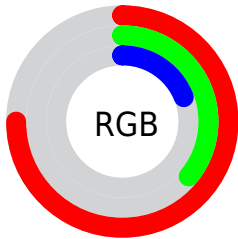
Format	Color
R _Y B	192, 113, 49
Decimal	12606769
CIE Lab	50.99, 36.70, 42.74
CIE LCh	51, 56.334, 49.348
Yxy	19.2569, 0.5168, 0.3798
Android (android.graphics.Color)	4290796849 (0xFFC05D31)
YUV	117.5850, -33.8124, 65.2620
Hunter-Lab	43.8827, 29.8066, 23.6362

Details

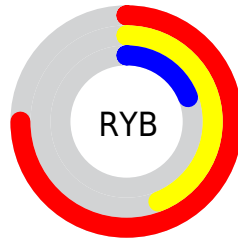
The XYZ color **26.2070, 19.2569, 5.2414** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **21.3702, 25.6370, 53.6911**, and the grayscale version is **17.1770, 18.0715, 19.6799**.

A 20% lighter version of the original color is **53.2031, 42.2035, 16.8973**, and **10.3796, 6.6333, 0.7333** is the 20% darker color. If you saturate the color by 10%, you get **24.8178, 16.9947, 3.1873**, and if you desaturate by 10%, it is **27.9725, 21.9958, 8.2724**.

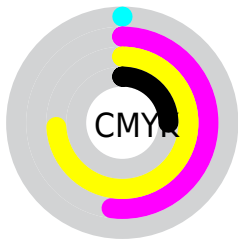
Distribution



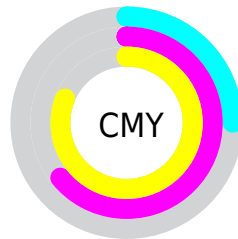
- Red (75%)
- Green (36%)
- Blue (19%)



- Red (75%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (74%)
- Black (25%)





- Cyan (25%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2070, 19.2569, 5.2414 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 26.2070, 19.2569, 5.2414 by changing the saturation by 10% instead.


 26.2070, 19.2569,
5.2414


 26.2070, 19.2569,
5.2414


276.0349,
247.8633, 161.1596


 17.1121, 11.8561,
2.3284


 53.0376, 42.1678,
16.7844

 10.4102, 6.6457,
0.7471


 71.5040, 58.4465,
26.2514


 5.7361, 3.2416,
0.0000

 93.8249, 78.4534,
38.7403

 2.7244, 1.2591,
0.0000

 120.3657,
102.5728, 54.6694

 1.0098, 0.1092,
0.0000

 151.4918,
131.1891, 74.4573

 0.0000, 0.0000,
0.0000

 187.5684,

164.6867, 98.5226

228.9610,
203.4500, 127.2839

■ 26.2070, 19.2569,
5.2414

■ 26.2070, 19.2569,
5.2414

■ 24.8178, 16.9947,
3.1873

■ 27.9725, 21.9958,
8.2724

■ 23.7693, 15.1757,
1.9811

■ 30.1421, 25.2355,
12.3853

■ 23.3064, 14.3430,
1.5401

■ 32.7423, 29.0020,
17.6724

■ 35.7967, 33.3186,
24.2159

■ 39.3271, 38.2069,
32.0904

■ 43.3539, 43.6875,
41.3647

■ 47.8960, 49.7797,
52.1029

■ 52.9716, 56.5021,
64.3650

■ 58.5976, 63.8724,
78.2076

Harmonies

Analogous

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



30.3862, 19.2569, 12.3567



26.2070, 19.2569, 5.2414



20.3556, 19.2569, 2.9591

Triad

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



26.2070, 19.2569, 5.2414



9.6643, 19.2569, 15.7922



22.0868, 19.2569, 65.2830

Complementary

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



26.2070, 19.2569, 5.2414



21.3702, 25.6370, 53.6911

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.



16.3934, 19.2569, 67.8842



26.2070, 19.2569, 5.2414



9.9416, 19.2569, 32.8636

Square

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



26.2070, 19.2569, 5.2414



11.3190, 19.2569, 6.6582



12.1734, 19.2569, 53.9217



27.6934, 19.2569, 47.9796

Rectangle

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



26.2070, 19.2569, 5.2414



16.6175, 19.2569, 2.9263



12.1734, 19.2569, 53.9217



20.0990, 19.2569, 68.1499

Sweetspot

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



26.2074, 19.2579, 5.2417



72.7336, 71.2493, 61.5025



28.2693, 15.5763, 29.9923



15.1990, 14.7305, 12.2739



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.



26.2074, 19.2579, 5.2417



43.7687, 28.7402, 4.3074



35.4609, 37.7649, 8.3262



10.3204, 10.5722, 10.5586



15.7442, 9.7741, 1.0568



0.7427, 0.5473, 0.0665

Inverse Universe

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



21.3702, 25.6370, 53.6911



34.3218, 40.3697, 96.3435



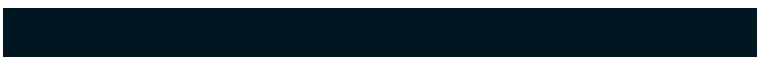
13.4772, 9.8510, 51.0601



10.0985, 10.8884, 12.8543



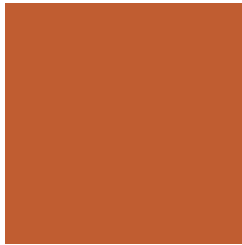
12.1099, 13.9764, 35.6161



0.5820, 0.7214, 1.5585

Previews

White Background



This preview shows how the XYZ color 26.2070, 19.2569, 5.2414 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 26.2070, 19.2569, 5.2414 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 26.2070, 19.2569, 5.2414

Background



This preview shows how black text looks on a background with the XYZ color 26.2070, 19.2569, 5.2414.



This preview shows how white text looks on a background with the XYZ color 26.2070, 19.2569,

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

26.2070, 19.2569, 5.2414

Protanopia

17.7149, 19.3755, 6.8091

Deuteranopia

19.6303, 19.3406, 4.9840



Tritanopia

27.7582, 19.2569, 12.8436

Trichromacy



Original Color

26.2070, 19.2569, 5.2414

Protanomaly

20.0843, 18.7126, 6.1678

Deuteranomaly

21.7726, 19.1301, 5.0276

Tritanomaly

27.0236, 19.1998, 9.4894

Monochromacy



Original Color

26.2070, 19.2569, 5.2414

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1215, 17.7473, 12.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2070, 19.2569, 5.2414 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, 93, 49)` looks like.

```
.text, #text, p{  
    color:rgb(192, 93, 49)  
}
```

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, 93, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 93, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.2070, 19.2569, 5.2414 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, 93, 49) }
```


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

```
.border{ border-color:rgb(192, 93, 49) }
```

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

Here you see how a box with a 4 pixel rgb(192, 93, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 93, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 93, 49);  
box-shadow:4px 4px 4px 4px rgb(192, 93,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2070, 19.2569, 5.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 93, 49) }
```

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

```
.background{ background-color: rgb(192, 93,  
49) }
```

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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