

Converting Colors

XYZ(25.1069, 16.8023, 5.6623)

Have a look what the booklet for
XYZ(25.1069, 16.8023, 5.6623)
contains.

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Color

**XYZ(25.1059, 16.7997,
5.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	C04D38
RGB	192, 77, 56
RGB Percent	75%, 30%, 22%
CMY	0.2471, 0.6980, 0.7804
CMYK	0.00, 0.60, 0.71, 0.25
HSL	9°, 55%, 49%
HSV	9°, 71%, 75%
XYZ	25.1059, 16.7997, 5.6608
YIQ	108.9910, 75.2810, 17.8490

Conversions

Conversions Part 2

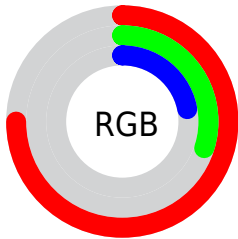
Format	Color
RYB	192, 81, 56
Decimal	12602680
CIELab	48.01, 44.92, 35.71
CIElCh	48, 57.385, 38.484
Yxy	16.7997, 0.5278, 0.3532
Android (android.graphics.Color)	4290792760 (0xFFC04D38)
YUV	108.9910, -26.1246, 72.7989
Hunter-Lab	40.9874, 37.6080, 20.5026

Details

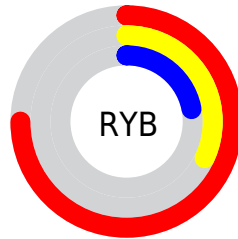
The XYZ color **25.1059, 16.7997, 5.6608** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25.7070, 33.7699, 55.0322**, and the grayscale version is **14.5907, 15.3505, 16.7167**.

A 20% lighter version of the original color is **51.3544, 38.0356, 17.7316**, and **9.8502, 5.4684, 0.8842** is the 20% darker color. If you saturate the color by 10%, you get **23.7255, 14.6520, 3.3115**, and if you desaturate by 10%, it is **26.9505, 19.5883, 9.0531**.

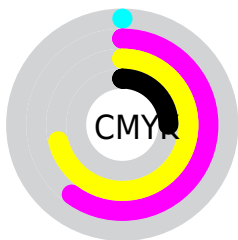
Distribution



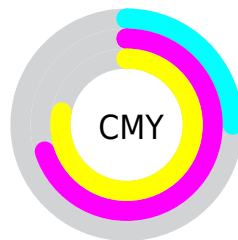
- Red (75%)
- Green (30%)
- Blue (22%)



- Red (75%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (71%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1059, 16.7997, 5.6608 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 25.1059, 16.7997, 5.6608 by changing the saturation by 10% instead.


 25.1059, 16.7997,
5.6608


 25.1059, 16.7997,
5.6608


270.7028,
234.0155, 165.2041


 16.2851, 10.0918,
2.5745


 51.2706, 37.9811,
17.6880


 9.8183, 5.4599,
0.8793


 69.3453, 53.2233,
27.4661

 5.3400, 2.5195,
0.0000

 91.2353, 72.0791,
40.3118

 2.4849, 0.8864,
0.0000

 117.3060, 94.9329,
56.6436

 0.8876, 0.0000,
0.0000

 147.9227,
122.1690, 76.8803

 0.0000, 0.0000,
0.0000

 183.4509,

154.1719, 101.4402

224.2558,
191.3259, 130.7419

■ 25.1059, 16.7997,
5.6608

■ 25.1059, 16.7997,
5.6608

■ 23.7255, 14.6520,
3.3115

■ 26.9505, 19.5883,
9.0531

■ 22.7649, 13.0905,
1.8822

■ 29.2960, 23.0608,
13.5913

■ 22.1937, 12.1176,
1.1692

■ 32.1765, 27.2599,
19.3664

■ 35.6227, 32.2238,
26.4604

■ 39.6630, 37.9881,
34.9480

■ 44.3239, 44.5863,
44.8982

■ 49.6302, 52.0496,
56.3758

■ 55.6054, 60.4080,
69.4412

■ 62.2718, 69.6898,
84.1520

Harmonies

Analogous

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



27.9888, 16.7997, 14.3967



25.1059, 16.7997, 5.6608



19.9078, 16.7997, 2.5165

Triad

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



25.1059, 16.7997, 5.6608



8.3761, 16.7997, 9.6954



17.4832, 16.7997, 63.5195

Complementary

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



25.1059, 16.7997, 5.6608



25.7070, 33.7699, 55.0322

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.



12.5850, 16.7997, 59.7528



25.1059, 16.7997, 5.6608



8.0012, 16.7997, 22.8334

Square

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



25.1059, 16.7997, 5.6608



10.5351, 16.7997, 3.8135



9.3691, 16.7997, 42.4159



23.0053, 16.7997, 50.9550

Rectangle

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



25.1059, 16.7997, 5.6608



16.2326, 16.7997, 2.0252



9.3691, 16.7997, 42.4159



15.7055, 16.7997, 64.2152

Sweetspot

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



25.1063, 16.8006, 5.6611



71.4724, 68.2712, 62.4872



30.5603, 16.9980, 40.4987



14.8758, 13.9955, 12.4395



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.



25.1063, 16.8006, 5.6611



41.9387, 24.8594, 4.3784



32.4859, 31.5598, 8.1209



10.1960, 10.3235, 10.5171



14.9712, 8.2281, 0.7991



0.6876, 0.4370, 0.0481

Inverse Universe

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



25.7070, 33.7699, 55.0322



42.8564, 56.9707, 99.0980



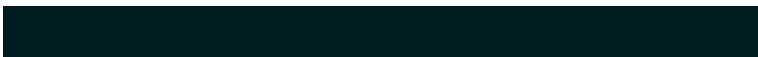
16.0555, 14.4669, 51.8151



10.2318, 11.1548, 12.8987



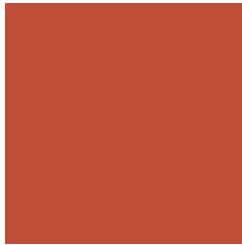
15.1833, 20.1231, 36.6405



0.6926, 0.9426, 1.5953

Previews

White Background



This preview shows how the XYZ color 25.1059, 16.7997, 5.6608 looks on a white 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

Black Background



This preview shows how the XYZ color 25.1059, 16.7997, 5.6608 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1059, 16.7997, 5.6608

Background



This preview shows how black text looks on a background with the XYZ color 25.1059, 16.7997, 5.6608.



This preview shows how white text looks on a background with the XYZ color 25.1059, 16.7997,

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

25.1059, 16.7997, 5.6608

Protanopia

15.6624, 17.0511, 8.0959

Deuteranopia

17.1783, 16.9098, 5.2643



Tritanopia

25.8524, 16.7995, 9.2772

Trichromacy



Original Color

25.1059, 16.7997, 5.6608

Protanomaly

17.9735, 16.0671, 7.0044

Deuteranomaly

19.3917, 16.2709, 5.3674

Tritanomaly

25.6457, 16.8245, 7.8570

Monochromacy



Original Color

25.1059, 16.7997, 5.6608

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.7676, 14.7765, 11.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1059, 16.7997, 5.6608 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, 77, 56)` looks like.

```
.text, #text, p{  
    color:rgb(192, 77, 56)  
}
```

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, 77, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 77, 56) }
```

Border

The CSS property to change the border of an element to XYZ 25.1059, 16.7997, 5.6608 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, 77, 56) }
```


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

```
.border{ border-color:rgb(192, 77, 56) }
```

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

Here you see how a box with a 4 pixel rgb(192, 77, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 77, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 77, 56);  
box-shadow:4px 4px 4px 4px rgb(192, 77,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1059, 16.7997, 5.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 77, 56) }
```

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

```
.background{ background-color: rgb(192, 77,  
56) }
```

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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