

Converting Colors

XYZ(26.7867, 17.5955, 5.9582)

Have a look what the booklet for
XYZ(26.7867, 17.5955, 5.9582)
contains.

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Color

**XYZ(26.6369, 17.4801,
5.9731)**

Conversions

Conversions Part 1

Format	Color
Hex	C64C3A
RGB	198, 76, 58
RGB Percent	78%, 30%, 23%
CMY	0.2235, 0.7019, 0.7725
CMYK	0.00, 0.62, 0.71, 0.22
HSL	8°, 55%, 50%
HSV	8°, 71%, 78%
XYZ	26.6369, 17.4801, 5.9731
YIQ	110.4260, 78.4900, 20.2660

Conversions

Conversions Part 2

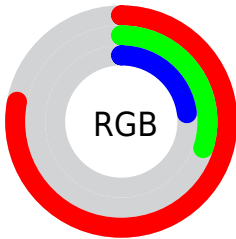
Format	Color
RYB	198, 79, 58
Decimal	12995642
CIELab	48.86, 47.64, 35.83
CIELCh	49, 59.610, 36.950
Yxy	17.4801, 0.5318, 0.3490
Android (android.graphics.Color)	4291185722 (0xFFC64C3A)
YUV	110.4260, -25.8460, 76.8024
Hunter-Lab	41.8092, 40.5573, 20.7959

Details

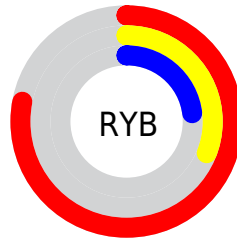
The XYZ color **26.6369, 17.4801, 5.9731** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28.2580, 37.6167, 59.1973**, and the grayscale version is **15.0005, 15.7817, 17.1862**.

A 20% lighter version of the original color is **51.8242, 38.2659, 18.2903**, and **10.5962, 5.7510, 0.9670** is the 20% darker color. If you saturate the color by 10%, you get **25.1931, 15.2496, 3.4664**, and if you desaturate by 10%, it is **28.5939, 20.4274, 9.6062**.

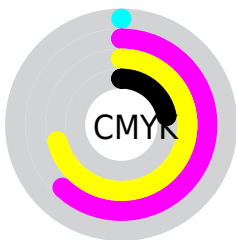
Distribution



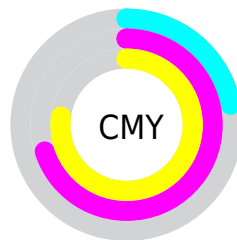
- Red (78%)
- Green (30%)
- Blue (23%)



- Red (78%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (22%)





- Cyan (22%)
- Magenta (70%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6369, 17.4801, 5.9731 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 26.6369, 17.4801, 5.9731 by changing the saturation by 10% instead.

 26.6369, 17.4801,
5.9731


 26.6369, 17.4801,
5.9731


278.0944,
237.9241, 168.1286


 17.4359, 10.5774,
2.7602


 53.7247, 39.1494,
18.3517


 10.6430, 5.7834,
0.9735


 72.3421, 54.6848,
28.3546

 5.8928, 2.7138,
0.0000

 94.8291, 73.8665,
41.4578

 2.8201, 0.9842,
0.0000

 121.5510, 97.0790,
58.0799

 1.0593, 0.0000,
0.0000

 152.8731,
124.7066, 78.6395

 0.0000, 0.0000,
0.0000

 189.1608,

157.1337, 103.5552

230.7795,
194.7447, 133.2453

■ 26.6369, 17.4801,
5.9731

■ 26.6369, 17.4801,
5.9731

■ 25.1931, 15.2496,
3.4664

■ 28.5939, 20.4274,
9.6062

■ 24.2115, 13.6714,
1.9524

■ 31.1060, 24.1431,
14.4774

■ 23.6463, 12.7211,
1.2091

■ 34.2120, 28.6772,
20.6856

■ 37.9470, 34.0748,
28.3196

■ 42.3432, 40.3774,
37.4606

■ 47.4306, 47.6241,
48.1835

■ 53.2375, 55.8517,
60.5584

■ 59.7904, 65.0948,
74.6511

■ 67.1146, 75.3865,
90.5237

Harmonies

Analogous

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



29.5543, 17.4801, 15.5822



26.6369, 17.4801, 5.9731



21.1324, 17.4801, 2.5173

Triad

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



26.6369, 17.4801, 5.9731



8.6283, 17.4801, 9.4301



17.9338, 17.4801, 68.0528

Complementary

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



26.6369, 17.4801, 5.9731



28.2580, 37.6167, 59.1973

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.



12.7910, 17.4801, 63.0234



26.6369, 17.4801, 5.9731



8.1401, 17.4801, 22.9587

Square

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



26.6369, 17.4801, 5.9731



11.0096, 17.4801, 3.5995



9.4862, 17.4801, 43.8181



23.8567, 17.4801, 55.1899

Rectangle

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



26.6369, 17.4801, 5.9731



17.1861, 17.4801, 1.9471



9.4862, 17.4801, 43.8181



16.0553, 17.4801, 68.4759

Sweetspot

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



26.6373, 17.4811, 5.9734



74.4739, 70.7747, 65.2720



33.2108, 18.3956, 45.8758



15.4520, 14.4498, 12.9507



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.



26.6373, 17.4811, 5.9734



43.5496, 25.3129, 4.4455



34.0762, 32.3589, 8.4530



10.7420, 10.8532, 11.0915



15.4132, 8.3436, 0.7981



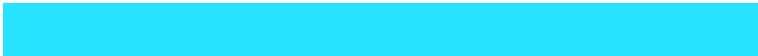
0.7670, 0.4694, 0.0502

Inverse Universe

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



28.2580, 37.6167, 59.1973



46.3612, 62.6421, 104.2554



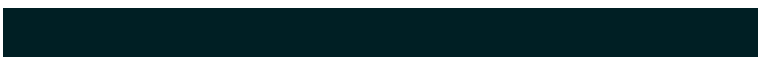
17.6955, 16.4918, 55.6765



10.8259, 11.8258, 13.6295



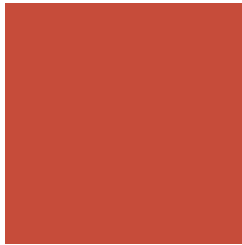
16.3331, 22.0600, 38.1415



0.8067, 1.1112, 1.8171

Previews

White Background



This preview shows how the XYZ color 26.6369, 17.4801, 5.9731 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 26.6369, 17.4801, 5.9731 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 26.6369, 17.4801, 5.9731

Background



This preview shows how black text looks on a background with the XYZ color 26.6369, 17.4801, 5.9731.



This preview shows how white text looks on a background with the XYZ color 26.6369, 17.4801,

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

26.6369, 17.4801, 5.9731

Protanopia

16.2834, 17.7025, 8.6896

Deuteranopia

17.9590, 17.6276, 5.5879



Tritanopia

27.3109, 17.4573, 9.1379

Trichromacy



Original Color

26.6369, 17.4801, 5.9731

Protanomaly

18.9014, 16.6803, 7.5336

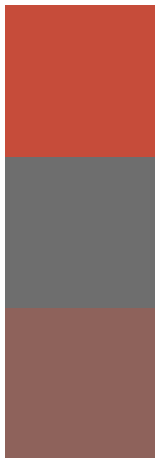
Deuteranomaly

20.3434, 16.8942, 5.6787

Tritanomaly

27.1393, 17.4946, 7.9076

Monochromacy



Original Color

26.6369, 17.4801, 5.9731

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.4113, 15.2415, 11.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6369, 17.4801, 5.9731 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(198, 76, 58)` looks like.

```
.text, #text, p{  
    color:rgb(198, 76, 58)  
}
```

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(198, 76, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 76, 58) }
```

Border

The CSS property to change the border of an element to XYZ 26.6369, 17.4801, 5.9731 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(198, 76, 58) }
```


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

```
.border{ border-color:rgb(198, 76, 58) }
```

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

Here you see how a box with a 4 pixel rgb(198, 76, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 76, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 76, 58);  
box-shadow:4px 4px 4px 4px rgb(198, 76,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6369, 17.4801, 5.9731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 76, 58) }
```

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

```
.background{ background-color: rgb(198, 76,  
58) }
```

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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