

Converting Colors

XYZ(26.6249, 16.0195, 5.8244)

Have a look what the booklet for
XYZ(26.6249, 16.0195, 5.8244)
contains.

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Color

**XYZ(26.7624, 16.1040,
5.8355)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA3C3B |
| RGB | 202, 60, 59 |
| RGB Percent | 79%, 24%, 23% |
| CMY | 0.2078, 0.7647, 0.7686 |
| CMYK | 0.00, 0.70, 0.71, 0.21 |
| HSL | 0°, 57%, 51% |
| HSV | 0°, 71%, 79% |
| XYZ | 26.7624, 16.1040, 5.8355 |
| YIQ | 102.3440, 84.9530, 29.7930 |

Conversions

Conversions Part 2

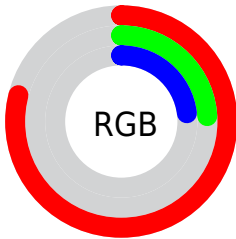
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 202, 60, 59 |
| Decimal | 13253691 |
| CIELab | 47.11, 55.69, 33.41 |
| CIElCh | 47, 64.940, 30.958 |
| Yxy | 16.1040, 0.5495, 0.3307 |
| Android (android.graphics.Color) | 4291443771 (0xFFCA3C3B) |
| YUV | 102.3440, -21.3686, 87.3983 |
| Hunter-Lab | 40.1298, 48.8138, 19.4692 |

Details

The XYZ color **26.7624, 16.1040, 5.8355** 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 **33.3488, 46.9631, 63.1839**, and the grayscale version is **12.7589, 13.4234, 14.6181**.

A 20% lighter version of the original color is **50.1392, 34.8123, 17.9867**, and **10.9087, 5.6129, 0.9986** is the 20% darker color. If you saturate the color by 10%, you get **25.4771, 14.2160, 3.3033**, and if you desaturate by 10%, it is **28.6491, 18.8710, 9.5679**.

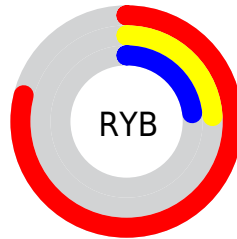
Distribution



Red (79%)

Green (24%)

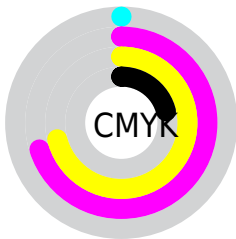
Blue (23%)



Red (79%)

Yellow (24%)

Blue (23%)

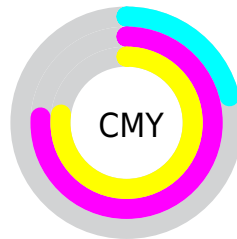


Cyan (0%)

Magenta (70%)

Yellow (71%)

Black (21%)



Cyan (21%)


Magenta (76%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7624, 16.1040, 5.8355 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 26.7624, 16.1040, 5.8355 by changing the saturation by 10% instead.


 26.7624, 16.1040,
5.8355


 26.7624, 16.1040,
5.8355


278.6934,
229.9546, 166.8487


 17.5305, 9.5978,
2.6781


 53.9249, 36.7787,
18.0602


 10.7111, 5.1331,
0.9324


 72.5863, 51.7159,
27.9647

 5.9388, 2.3256,
0.0000


 95.1216, 70.2322,
40.9552

 2.8482, 0.7872,
0.0000

 121.8961, 92.7121,
57.4505

 1.0740, 0.0000,
0.0000

 153.2751,
119.5399, 77.8689

 0.0032, 0.0000,
0.0000

 189.6241,

 0.0000, 0.0000,

151.1000, 102.6290

0.0000

231.3085,
187.7767, 132.1495

■ 26.7624, 16.1040,
5.8355

■ 26.7624, 16.1040,
5.8355

■ 25.4771, 14.2160,
3.3033

■ 28.6491, 18.8710,
9.5679

■ 24.7195, 13.0987,
1.8238

■ 31.1974, 22.6032,
14.6236

■ 24.3725, 12.5874,
1.1450

■ 34.4613, 27.3795,
21.1109

■ 38.4890, 33.2702,
29.1270

■ 43.3245, 40.3391,
38.7606

■ 49.0084, 48.6456,
50.0935

■ 55.5789, 58.2448,
63.2022

■ 63.0714, 69.1886,
78.1581

■ 71.5196, 81.5260,
95.0292

Harmonies

Analogous

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



29.0911, 16.1040, 17.0146



26.7624, 16.1040, 5.8355



21.2683, 16.1040, 1.9178

Triad

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



26.7624, 16.1040, 5.8355



7.5837, 16.1040, 6.2833



15.4905, 16.1040, 71.3813

Complementary

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



26.7624, 16.1040, 5.8355



33.3488, 46.9631, 63.1839

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.



10.5778, 16.1040, 61.7933



26.7624, 16.1040, 5.8355



6.7539, 16.1040, 18.0649

Square

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



26.7624, 16.1040, 5.8355



10.3315, 16.1040, 2.0404



7.6991, 16.1040, 39.1497



21.6662, 16.1040, 60.5851

Rectangle

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



26.7624, 16.1040, 5.8355



17.0945, 16.1040, 1.2139



7.6991, 16.1040, 39.1497



13.6475, 16.1040, 70.4024

Sweetspot

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



26.7628, 16.1049, 5.8357



72.9158, 67.6585, 64.7526



36.5816, 19.9487, 57.7993



15.0903, 13.7265, 12.8302



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.



26.7628, 16.1049, 5.8357



42.3453, 22.9043, 4.0441



33.1957, 28.9709, 7.9801



11.2186, 11.2261, 11.6550



15.6862, 8.1054, 0.7377



0.8115, 0.4227, 0.0388

Inverse Universe

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



33.3488, 46.9631, 63.1839



54.1328, 78.1852, 106.8459



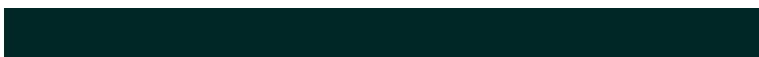
20.5136, 21.2927, 58.9055



11.5363, 12.7129, 14.4162



20.2397, 29.5033, 40.5842



1.0464, 1.5265, 2.0944

Previews

White Background



This preview shows how the XYZ color 26.7624, 16.1040, 5.8355 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 26.7624, 16.1040, 5.8355 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 26.7624, 16.1040, 5.8355

Background



This preview shows how black text looks on a background with the XYZ color 26.7624, 16.1040, 5.8355.



This preview shows how white text looks on a background with the XYZ color 26.7624, 16.1040,

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

26.7624, 16.1040, 5.8355

Protanopia

15.1598, 16.2617, 9.3610

Deuteranopia

16.5027, 16.2434, 5.3975



Tritanopia

26.8425, 16.1361, 6.2572

Trichromacy



Original Color

26.7624, 16.1040, 5.8355

Protanomaly

17.7823, 14.8502, 7.7235

Deuteranomaly

19.2223, 15.2601, 5.4224

Tritanomaly

26.8153, 16.1252, 6.1140

Monochromacy



Original Color

26.7624, 16.1040, 5.8355

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.5691, 12.8915, 10.4718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7624, 16.1040, 5.8355 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(202, 60, 59)` looks like.

```
.text, #text, p{  
    color:rgb(202, 60, 59)  
}
```

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(202, 60, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 60, 59) }
```

Border

The CSS property to change the border of an element to XYZ 26.7624, 16.1040, 5.8355 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(202, 60, 59) }
```


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

```
.border{ border-color:rgb(202, 60, 59) }
```

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

Here you see how a box with a 4 pixel rgb(202, 60, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 60, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 60, 59);  
box-shadow:4px 4px 4px 4px rgb(202, 60,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7624, 16.1040, 5.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 60, 59) }
```

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

```
.background{ background-color: rgb(202, 60,  
59) }
```

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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