

Converting Colors

XYZ(25.9516, 13.3387, 3.0151)

Have a look what the booklet for
XYZ(25.9516, 13.3387, 3.0151)
contains.

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Color

**XYZ(26.0820, 13.4053,
3.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0026
RGB	207, 0, 38
RGB Percent	81%, 0%, 15%
CMY	0.1882, 0.9998, 0.8510
CMYK	0.00, 1.00, 0.82, 0.19
HSL	349°, 100%, 41%
HSV	349°, 100%, 81%
XYZ	26.0820, 13.4053, 3.0465
YIQ	66.2250, 111.1740, 55.7020

Conversions

Conversions Part 2

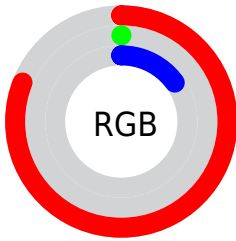
Format	Color
RYB	207, 0, 38
Decimal	13565990
CIELab	43.37, 69.02, 41.64
CIElCh	43, 80.609, 31.103
Yxy	13.4053, 0.6132, 0.3152
Android (android.graphics.Color)	4291756070 (0xFFCF0026)
YUV	66.2250, -13.9149, 123.4597
Hunter-Lab	36.6132, 63.0840, 20.6959

Details

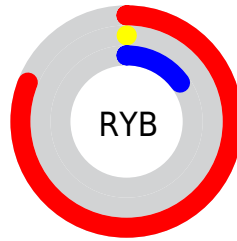
The XYZ color **26.0820, 13.4053, 3.0465** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.4784, 47.4918, 45.1692**, and the grayscale version is **5.2257, 5.4978, 5.9871**.

A 20% lighter version of the original color is **46.1680, 28.5557, 11.4660**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **26.0813, 13.4051, 3.0437**, and if you desaturate by 10%, it is **26.6827, 14.0671, 4.9112**.

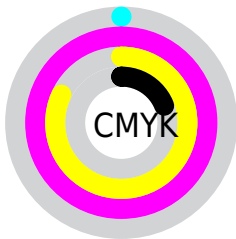
Distribution



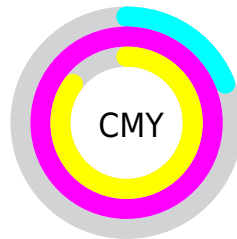
- Red (81%)
- Green (0%)
- Blue (15%)



- Red (81%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0820, 13.4053, 3.0465 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 26.0820, 13.4053, 3.0465 by changing the saturation by 10% instead.

 26.0820, 13.4053,
3.0465


 26.0820, 13.4053,
3.0465


275.4337,
213.4991, 136.9507


 17.0180, 7.7082,
1.1184


 52.8376, 32.0300,
11.7430


 10.3427, 3.9088,
0.0000


 71.2598, 45.7265,
19.3484

 5.6908, 1.6227,
0.0000

 93.5322, 62.8582,
29.6835

 2.6968, 0.3728,
0.0000

 120.0201, 83.8095,
43.1666

 0.9956, 0.0000,
0.0000

 151.0889,
108.9649, 60.2163

 0.0000, 0.0000,
0.0000

 187.1038,

138.7086, 81.2512

228.4303,
173.4253, 106.6898

26.0820, 13.4053,
3.0465

26.0820, 13.4053,
3.0465

26.0813, 13.4051,
3.0437

26.6827, 14.0671,
4.9112

27.7037, 15.3472,
7.6000

29.2533, 17.4423,
11.2123

31.3945, 20.4601,
15.8250

34.1811, 24.4917,
21.5064

■ 37.6608, 29.6174,
28.3190

■ 41.8765, 35.9092,
36.3202

■ 46.8677, 43.4332,
45.5633

■ 52.6712, 52.2502,
56.0987

Harmonies

Analogous

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



28.9696, 13.4053, 13.9422



26.0820, 13.4053, 3.0465



19.4905, 13.4053, 0.2936

Triad

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



26.0820, 13.4053, 3.0465



4.8397, 13.4053, 3.4693



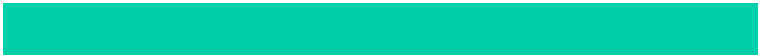
12.9746, 13.4053, 83.3457

Complementary

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



26.0820, 13.4053, 3.0465



29.4784, 47.4918, 45.1692

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.



7.7636, 13.4053, 70.3859



26.0820, 13.4053, 3.0465



4.0962, 13.4053, 15.2701

Square

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



26.0820, 13.4053, 3.0465



7.4785, 13.4053, 0.4021



4.9623, 13.4053, 40.6397



20.0285, 13.4053, 68.5079

Rectangle

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



26.0820, 13.4053, 3.0465



14.6957, 13.4053, 0.0000



4.9623, 13.4053, 40.6397



10.9684, 13.4053, 82.0474

Sweetspot

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



26.0823, 13.4062, 3.0467



66.8335, 57.1295, 57.6829



26.9067, 12.5705, 60.0394



13.6605, 11.2635, 11.1311



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.



26.0823, 13.4062, 3.0467



41.7485, 21.4634, 4.6076



27.4618, 16.7247, 1.7820



11.8960, 11.8432, 12.7283



16.4580, 8.4560, 2.0520



0.9475, 0.4837, 0.2583

Inverse Universe

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



26.0823, 13.4062, 3.0467



41.7485, 21.4634, 4.6076



21.3749, 24.7291, 62.6778



11.8960, 11.8432, 12.7283



16.4580, 8.4560, 2.0520



0.9475, 0.4837, 0.2583

Previews

White Background



This preview shows how the XYZ color 26.0820, 13.4053, 3.0465 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 26.0820, 13.4053, 3.0465 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 26.0820, 13.4053, 3.0465

Background



This preview shows how black text looks on a background with the XYZ color 26.0820, 13.4053, 3.0465.



This preview shows how white text looks on a background with the XYZ color 26.0820, 13.4053,

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

26.0820, 13.4053, 3.0465

Protanopia

12.9374, 14.0742, 6.3097

Deuteranopia

14.1038, 13.8797, 2.5975



Tritanopia

25.6699, 13.5544, 1.2633

Trichromacy



Original Color

26.0820, 13.4053, 3.0465

Protanomaly

14.8397, 10.5581, 4.5046

Deuteranomaly

16.2734, 11.0051, 2.3034

Tritanomaly

25.6525, 13.3929, 1.6485

Monochromacy



Original Color

26.0820, 13.4053, 3.0465

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.8779, 5.7234, 4.3782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0820, 13.4053, 3.0465 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(207, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 38)  
}
```

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(207, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 38) }
```

Border

The CSS property to change the border of an element to XYZ 26.0820, 13.4053, 3.0465 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(207, 0, 38) }
```


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

```
.border{ border-color:rgb(207, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.0820, 13.4053, 3.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 38) }
```

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

```
.background{ background-color: rgb(207, 0,  
38) }
```

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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