

# Converting Colors

XYZ(26.4262, 13.5285, 5.5142)

Have a look what the booklet for  
XYZ(26.4262, 13.5285, 5.5142)  
contains.

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# Color

**XYZ(26.5477, 13.5916,  
5.4992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF003C
RGB	207, 0, 60
RGB Percent	81%, 0%, 24%
CMY	0.1882, 0.9998, 0.7647
CMYK	0.00, 1.00, 0.71, 0.19
HSL	343°, 100%, 41%
HSV	343°, 100%, 81%
XYZ	26.5477, 13.5916, 5.4992
YIQ	68.7330, 104.1120, 62.5440

# Conversions

## Conversions Part 2

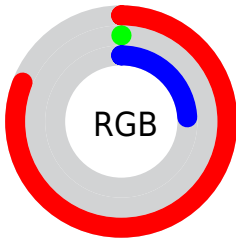
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 0, 60
Decimal	13566012
CIELab	43.64, 69.76, 28.90
CIElCh	44, 75.513, 22.504
Yxy	13.5916, 0.5817, 0.2978
Android (android.graphics.Color)	4291756092 (0xFFCF003C)
YUV	68.7330, -4.3054, 121.2602
Hunter-Lab	36.8668, 64.0206, 16.9628

# Details

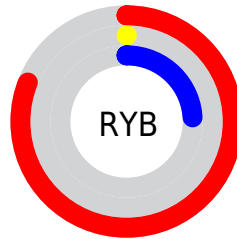
The XYZ color **26.5477, 13.5916, 5.4992** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.5829, 46.7334, 35.1873**, and the grayscale version is **5.6116, 5.9039, 6.4293**.

A 20% lighter version of the original color is **47.3020, 29.1379, 17.0410**, and **11.6191, 5.9763, 1.1572** is the 20% darker color. If you saturate the color by 10%, you get **26.5468, 13.5912, 5.4951**, and if you desaturate by 10%, it is **27.2552, 14.2961, 7.9264**.

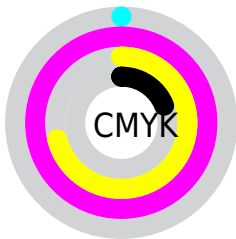
# Distribution



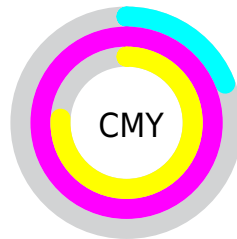
- Red (81%)
- Green (0%)
- Blue (24%)



- Red (81%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (19%)




- Cyan (19%)
- Magenta (100%)
- Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5477, 13.5916, 5.4992 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 26.5477, 13.5916, 5.4992 by changing the saturation by 10% instead.




 26.5477, 13.5916,  
5.4992


 26.5477, 13.5916,  
5.4992


277.6681,  
214.6751, 163.6623


 17.3687, 7.8372,  
2.4792


 53.5822, 32.3626,  
17.3416


 10.5946, 3.9909,  
0.8291


 72.1684, 46.1480,  
27.0011


 5.8602, 1.6685,  
0.0000

 94.6211, 63.3791,  
39.7108

 2.8001, 0.4031,  
0.0000

 121.3055, 84.4404,  
55.8894

 1.0490, 0.0000,  
0.0000

 152.5870,  
109.7163, 75.9552

 0.0000, 0.0000,  
0.0000

 188.8311,

139.5911, 100.3270

230.4030,  
174.4492, 129.4231

■ 26.5477, 13.5916,  
5.4992

■ 26.5477, 13.5916,  
5.4992

■ 26.5468, 13.5912,  
5.4951

■ 27.2552, 14.2961,  
7.9264

■ 28.3605, 15.6100,  
11.0591

■ 29.9665, 17.7277,  
14.9681

■ 32.1316, 20.7550,  
19.7062

■ 34.9055, 24.7816,  
25.3208

■ 38.3324, 29.8862,  
31.8556

■ 42.4521, 36.1397,  
39.3512

■ 47.3012, 43.6068,  
47.8454

■ 52.9135, 52.3474,  
57.3741

# Harmonies

## Analogous

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



27.8111, 13.5916, 19.4729



26.5477, 13.5916, 5.4992



21.1608, 13.5916, 1.0760

# Triad

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



26.5477, 13.5916, 5.4992



5.8279, 13.5916, 2.5026



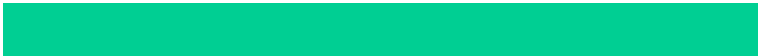
11.4894, 13.5916, 76.3686

# Complementary

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



26.5477, 13.5916, 5.4992



27.5829, 46.7334, 35.1873

# 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.



7.1541, 13.5916, 58.6630



26.5477, 13.5916, 5.4992



4.5997, 13.5916, 10.9400

# Square

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



26.5477, 13.5916, 5.4992



9.0328, 13.5916, 0.3832



4.9972, 13.5916, 31.1132



17.7837, 13.5916, 69.9746



# Rectangle

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



26.5477, 13.5916, 5.4992



16.6521, 13.5916, 0.2254



4.9972, 13.5916, 31.1132



9.7892, 13.5916, 72.7550

# Sweetspot

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



26.5480, 13.5925, 5.4994



67.7631, 57.5013, 62.5782



22.9244, 10.5176, 59.8529



13.8752, 11.3493, 12.2615



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.



26.5480, 13.5925, 5.4994



42.4719, 21.7528, 8.4170



26.5402, 14.8814, 1.4748



11.9476, 11.8638, 12.9998



16.7617, 8.5775, 3.6513



0.9718, 0.4934, 0.3861



# Inverse Universe

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



26.5480, 13.5925, 5.4994



42.4719, 21.7528, 8.4170



24.8280, 31.6353, 63.8287



11.9476, 11.8638, 12.9998



16.7617, 8.5775, 3.6513



0.9718, 0.4934, 0.3861



# Previews

## White Background



This preview shows how the XYZ color 26.5477, 13.5916, 5.4992 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 26.5477, 13.5916, 5.4992 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 26.5477, 13.5916, 5.4992**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.5477, 13.5916, 5.4992.



This preview shows how white text looks on a background with the XYZ color 26.5477, 13.5916,



# 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

26.5477, 13.5916, 5.4992

### Protanopia

13.4103, 14.2039, 11.4860

### Deuteranopia

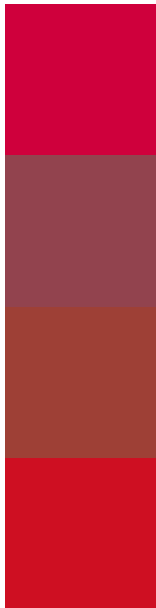
14.3388, 14.0905, 4.9816



## Tritanopia

25.8978, 13.8221, 1.9191

# Trichromacy



## Original Color

26.5477, 13.5916, 5.4992

## Protanomaly

15.2364, 10.6754, 8.4652

## Deuteranomaly

16.5998, 11.2022, 4.7774

## Tritanomaly

25.9132, 13.5790, 2.7686

# Monochromacy



## Original Color

26.5477, 13.5916, 5.4992

## Achromatopsia

5.6565, 5.9511, 6.4808

## Achromatomaly

9.4918, 6.1167, 5.8346

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.5477, 13.5916, 5.4992 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 60) }
```

## Border

The CSS property to change the border of an element to XYZ 26.5477, 13.5916, 5.4992 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, 60) }
```



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

```
.border{ border-color:rgb(207, 0, 60) }
```

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, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 60)  
}
```

# Background

The CSS property to change the background color of an element to XYZ 26.5477, 13.5916, 5.4992 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, 60) }
```

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

```
.background{ background-color: rgb(207, 0,  
60) }
```

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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