

# Converting Colors

XYZ(25.4226, 15.5196, 11.5694)

Have a look what the booklet for  
XYZ(25.4226, 15.5196, 11.5694)  
contains.

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# Color

**XYZ(25.4041, 15.5168,  
11.5536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03F5B
RGB	192, 63, 91
RGB Percent	75%, 25%, 36%
CMY	0.2471, 0.7529, 0.6431
CMYK	0.00, 0.67, 0.53, 0.25
HSL	347°, 51%, 50%
HSV	347°, 67%, 75%
XYZ	25.4041, 15.5168, 11.5536
YIQ	104.7630, 67.8960, 36.0560

# Conversions

## Conversions Part 2

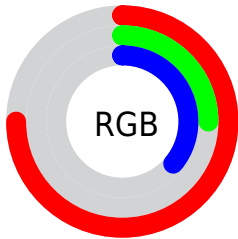
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 63, 91
Decimal	12599131
CIE <sub>Lab</sub>	46.33, 53.39, 12.79
CIE <sub>LCh</sub>	46, 54.905, 13.468
Yxy	15.5168, 0.4841, 0.2957
Android (android.graphics.Color)	4290789211 (0xFFC03F5B)
YUV	104.7630, -6.7852, 76.5068
Hunter-Lab	39.3914, 46.1825, 10.1840

# Details

The XYZ color **25.4041, 15.5168, 11.5536** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **27.6015, 41.4369, 41.6688**, and the grayscale version is **13.3688, 14.0650, 15.3168**.

A 20% lighter version of the original color is **51.7942, 35.7626, 29.3723**, and **10.1660, 5.1838, 3.0495** is the 20% darker color. If you saturate the color by 10%, you get **23.9351, 13.5149, 8.1786**, and if you desaturate by 10%, it is **27.3745, 18.3137, 15.7370**.

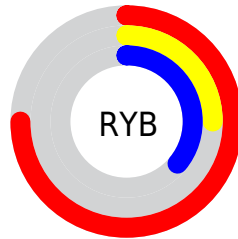
# Distribution



Red (75%)

Green (25%)

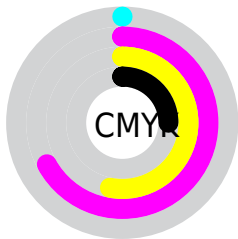
Blue (36%)



Red (75%)

Yellow (25%)

Blue (36%)

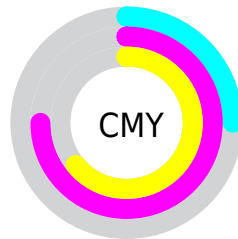


Cyan (0%)

Magenta (67%)

Yellow (53%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4041, 15.5168, 11.5536 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 25.4041, 15.5168, 11.5536 by changing the saturation by 10% instead.





 25.4041, 15.5168,  
11.5536


 25.4041, 15.5168,  
11.5536


272.1551,  
226.4733, 212.2991


 16.5087, 9.1829,  
6.3217


 51.7502, 35.7573,  
29.3316


 9.9780, 4.8607,  
2.9697


 69.9317, 50.4326,  
42.7147


 5.4465, 2.1657,  
1.0792

 91.9392, 68.6573,  
59.6519

 2.5490, 0.7012,  
0.0000

 118.1381, 90.8156,  
80.5618

 0.9200, 0.0000,  
0.0000

 148.8938,  
117.2919, 105.8630

 0.0000, 0.0000,  
0.0000

184.5716,

148.4707, 135.9739

225.5370,  
184.7364, 171.3131

■ 25.4041, 15.5168,  
11.5536

■ 25.4041, 15.5168,  
11.5536

■ 23.9351, 13.5149,  
8.1786

■ 27.3745, 18.3137,  
15.7370

■ 22.9180, 12.2213,  
5.5565

■ 29.8869, 21.9753,  
20.7772

■ 22.2881, 11.5203,  
3.6234

■ 32.9791, 26.5665,  
26.7197

■ 22.1502, 11.3712,  
3.1867

■ 36.6850, 32.1452,  
33.6064

■ 41.0360, 38.7647,  
41.4764

■ 46.0611, 46.4744,  
50.3669

■ 51.7877, 55.3206,  
60.3128

■ 58.2415, 65.3467,  
71.3476

■ 65.4471, 76.5942,  
83.5029

# Harmonies

## Analogous

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



25.2247, 15.5168, 25.3863



25.4041, 15.5168, 11.5536



22.3314, 15.5168, 4.6088

# Triad

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



25.4041, 15.5168, 11.5536



9.3617, 15.5168, 4.2091



12.3222, 15.5168, 55.8604

# Complementary

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



25.4041, 15.5168, 11.5536



27.6015, 41.4369, 41.6688

# 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.



9.1115, 15.5168, 41.7027



25.4041, 15.5168, 11.5536



7.6678, 15.5168, 10.5462

# Square

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



25.4041, 15.5168, 11.5536



12.7412, 15.5168, 2.1524



7.5871, 15.5168, 23.6718



16.9558, 15.5168, 56.6596



# Rectangle

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



25.4041, 15.5168, 11.5536



19.1669, 15.5168, 2.7039



7.5871, 15.5168, 23.6718



11.0669, 15.5168, 52.2639

# Sweetspot

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



25.4045, 15.5177, 11.5539



71.7528, 66.2685, 70.4837



26.1727, 15.0327, 51.3913



14.9110, 13.4826, 14.2494



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.



25.4045, 15.5177, 11.5539



42.3303, 23.1396, 12.2254



26.9479, 20.1900, 7.1805



10.1607, 10.1129, 10.9367



14.9288, 7.6613, 2.2714



0.6714, 0.3416, 0.2371



# Inverse Universe

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



25.4045, 15.5177, 11.5539



42.3303, 23.1396, 12.2254



23.7239, 29.1809, 54.2512



10.1607, 10.1129, 10.9367



14.9288, 7.6613, 2.2714



0.6714, 0.3416, 0.2371



# Previews

## White Background



This preview shows how the XYZ color 25.4041, 15.5168, 11.5536 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 25.4041, 15.5168, 11.5536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

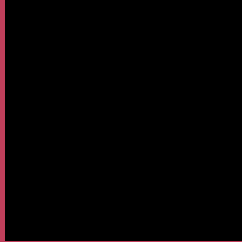
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# XYZ 25.4041, 15.5168, 11.5536

## Background



This preview shows how black text looks on a background with the XYZ color 25.4041, 15.5168, 11.5536.



This preview shows how white text looks on a background with the XYZ color 25.4041, 15.5168,



# 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

25.4041, 15.5168, 11.5536

### Protanopia

15.2260, 15.7692, 18.4609

### Deuteranopia

15.9996, 15.7098, 10.7833



## Tritanopia

24.6303, 15.5456, 7.6637

# Trichromacy



## Original Color

25.4041, 15.5168, 11.5536

## Protanomaly

17.3311, 14.4448, 15.5103

## Deuteranomaly

18.5133, 14.7728, 10.8925

## Tritanomaly

24.8092, 15.5229, 8.8963

# Monochromacy



## Original Color

25.4041, 15.5168, 11.5536

## Achromatopsia

13.4271, 14.1263, 15.3836

## Achromatomaly

16.2729, 13.5508, 13.8145

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.4041, 15.5168, 11.5536 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, 63, 91)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 91)  
}
```

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, 63, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 91) }
```

## Border

The CSS property to change the border of an element to XYZ 25.4041, 15.5168, 11.5536 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, 63, 91) }
```



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

```
.border{ border-color:rgb(192, 63, 91) }
```

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

Here you see how a box with a 4 pixel rgb(192, 63, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 91);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
91) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.4041, 15.5168, 11.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 63, 91) }
```

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

```
.background{ background-color: rgb(192, 63,  
91) }
```

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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