

# Converting Colors

XYZ(25.1358, 15.4098, 10.1407)

Have a look what the booklet for  
XYZ(25.1358, 15.4098, 10.1407)  
contains.

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# Color

**XYZ(25.1554, 15.4174,  
10.2443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03F55
RGB	192, 63, 85
RGB Percent	75%, 25%, 33%
CMY	0.2471, 0.7529, 0.6667
CMYK	0.00, 0.67, 0.56, 0.25
HSL	350°, 51%, 50%
HSV	350°, 67%, 75%
XYZ	25.1554, 15.4174, 10.2443
YIQ	104.0790, 69.8220, 34.1900

# Conversions

## Conversions Part 2

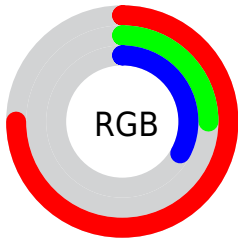
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 63, 85
Decimal	12599125
CIE <sub>Lab</sub>	46.20, 52.92, 16.28
CIE <sub>LCh</sub>	46, 55.363, 17.099
Yxy	15.4174, 0.4950, 0.3034
Android (android.graphics.Color)	4290789205 (0xFFC03F55)
YUV	104.0790, -9.4059, 77.1067
Hunter-Lab	39.2650, 45.6436, 12.0166

# Details

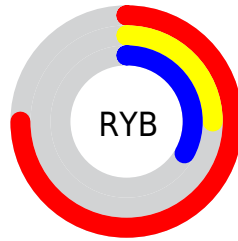
The XYZ color **25.1554, 15.4174, 10.2443** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **28.1564, 41.6587, 44.5911**, and the grayscale version is **13.1914, 13.8784, 15.1136**.

A 20% lighter version of the original color is **51.2895, 35.5607, 26.7149**, and **10.0559, 5.1397, 2.4695** is the 20% darker color. If you saturate the color by 10%, you get **23.7081, 13.4241, 6.9838**, and if you desaturate by 10%, it is **27.1165, 18.2107, 14.3789**.

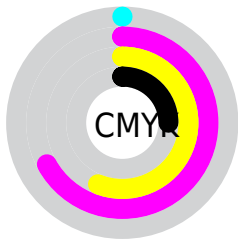
# Distribution



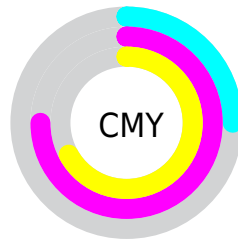
- Red (75%)
- Green (25%)
- Blue (33%)



- Red (75%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (56%)
- Black (25%)




- Cyan (25%)
- Magenta (75%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1554, 15.4174, 10.2443 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 25.1554, 15.4174, 10.2443 by changing the saturation by 10% instead.





 25.1554, 15.4174,  
10.2443


 25.1554, 15.4174,  
10.2443

270.9443,  
225.8789, 202.9547


 16.3222, 9.1128,  
5.4535

 51.3503, 35.5838,  
26.8690


 9.8447, 4.8149,  
2.4524


 69.4427, 50.2144,  
39.5399


 5.3576, 2.1390,  
0.8148

 91.3523, 68.3892,  
55.6747

 2.4955, 0.6865,  
0.0000

 117.4443, 90.4924,  
75.6918

 0.8930, 0.0000,  
0.0000

 148.0842,  
116.9087, 100.0099

 0.0000, 0.0000,  
0.0000

183.6372,

148.0222, 129.0473

224.4688,  
184.2175, 163.2227

■ 25.1554, 15.4174,  
10.2443

■ 25.1554, 15.4174,  
10.2443

■ 23.7081, 13.4241,  
6.9838

■ 27.1165, 18.2107,  
14.3789

■ 22.7234, 12.1434,  
4.5322

■ 29.6338, 21.8742,  
19.4447

■ 22.1342, 11.4588,  
2.8136

■ 32.7464, 26.4736,  
25.4947

■ 22.0089, 11.3147,  
2.4433

■ 36.4896, 32.0672,  
32.5775

■ 40.8959, 38.7089,  
40.7386

■ 45.9954, 46.4484,  
50.0208

■ 51.8165, 55.3324,  
60.4644

■ 58.3859, 65.4048,  
72.1079

■ 65.7292, 76.7073,  
84.9878

# Harmonies

## Analogous

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



25.4030, 15.4174, 23.2859



25.1554, 15.4174, 10.2443



21.7426, 15.4174, 4.0365

# Triad

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



25.1554, 15.4174, 10.2443



8.9591, 15.4174, 4.5800



12.7191, 15.4174, 57.0200

# Complementary

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



25.1554, 15.4174, 10.2443



28.1564, 41.6587, 44.5911

# 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.



9.3022, 15.4174, 43.9412



25.1554, 15.4174, 10.2443



7.4667, 15.4174, 11.6259

# Square

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



25.1554, 15.4174, 10.2443



12.1434, 15.4174, 2.1823



7.5771, 15.4174, 25.6502



17.4883, 15.4174, 55.9132



# Rectangle

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



25.1554, 15.4174, 10.2443



18.4777, 15.4174, 2.4215



7.5771, 15.4174, 25.6502



11.3976, 15.4174, 53.9301

# Sweetspot

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



25.1558, 15.4183, 10.2446



71.4638, 66.1528, 68.9616



27.5157, 15.7252, 51.4539



14.8428, 13.4553, 13.8904



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.



25.1558, 15.4183, 10.2446



41.9470, 22.9863, 10.2068



27.5714, 21.4370, 7.3885



10.1417, 10.1053, 10.8368



14.8299, 7.6217, 1.7502



0.6630, 0.3382, 0.1926



# Inverse Universe

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



25.1558, 15.4183, 10.2446



41.9470, 22.9863, 10.2068



22.6560, 27.0451, 53.8950



10.1417, 10.1053, 10.8368



14.8299, 7.6217, 1.7502



0.6630, 0.3382, 0.1926



# Previews

## White Background



This preview shows how the XYZ color 25.1554, 15.4174, 10.2443 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

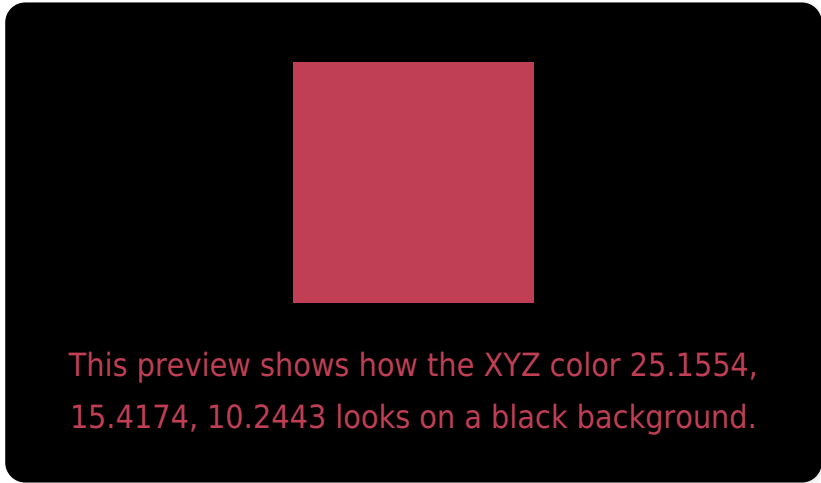
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## 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 25.1554, 15.4174, 10.2443**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.1554, 15.4174, 10.2443.



This preview shows how white text looks on a background with the XYZ color 25.1554, 15.4174,



# 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

25.1554, 15.4174, 10.2443

### Protanopia

15.0398, 15.7241, 16.1523

### Deuteranopia

15.9254, 15.6979, 9.5878



## Tritanopia

24.5396, 15.4150, 7.4764

# Trichromacy



## Original Color

25.1554, 15.4174, 10.2443

## Protanomaly

17.3218, 14.4803, 13.6864

## Deuteranomaly

18.2782, 14.6787, 9.6545

## Tritanomaly

24.6462, 15.3650, 8.3233

# Monochromacy



## Original Color

25.1554, 15.4174, 10.2443

## Achromatopsia

13.1579, 13.8432, 15.0752

## Achromatomaly

15.8834, 13.2421, 13.0281

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.1554, 15.4174, 10.2443 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 85) }
```

## Border

The CSS property to change the border of an element to XYZ 25.1554, 15.4174, 10.2443 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, 85) }
```



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

```
.border{ border-color:rgb(192, 63, 85) }
```

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, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 85);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
85) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.1554, 15.4174, 10.2443 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, 85) }
```

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

```
.background{ background-color: rgb(192, 63,  
85) }
```

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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