

# Converting Colors

XYZ(26.4889, 15.7135, 12.6594)

Have a look what the booklet for  
XYZ(26.4889, 15.7135, 12.6594)  
contains.

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# Color

**XYZ(26.4402, 15.7082,  
12.7048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43B60
RGB	196, 59, 96
RGB Percent	77%, 23%, 38%
CMY	0.2314, 0.7686, 0.6235
CMYK	0.00, 0.70, 0.51, 0.23
HSL	344°, 54%, 50%
HSV	344°, 70%, 77%
XYZ	26.4402, 15.7082, 12.7048
YIQ	104.1810, 69.7750, 40.5510

# Conversions

## Conversions Part 2

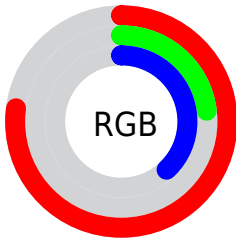
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 59, 96
Decimal	12860256
CIE <sub>Lab</sub>	46.59, 56.61, 10.18
CIE <sub>LCh</sub>	47, 57.523, 10.195
Yxy	15.7082, 0.4820, 0.2864
Android (android.graphics.Color)	4291050336 (0xFFC43B60)
YUV	104.1810, -4.0332, 80.5253
Hunter-Lab	39.6336, 49.7215, 8.7377

# Details

The XYZ color **26.4402, 15.7082, 12.7048** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.8027, 42.9132, 39.6222**, and the grayscale version is **13.2048, 13.8925, 15.1290**.

A 20% lighter version of the original color is **52.5590, 35.5968, 31.2948**, and **10.8923, 5.5487, 3.5145** is the 20% darker color. If you saturate the color by 10%, you get **25.0152, 13.8183, 9.2703**, and if you desaturate by 10%, it is **28.3640, 18.4039, 16.8973**.

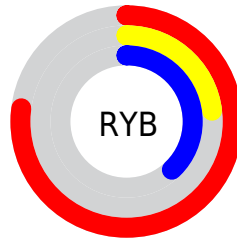
# Distribution



Red (77%)

Green (23%)

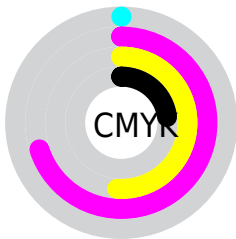
Blue (38%)



Red (77%)

Yellow (23%)

Blue (38%)

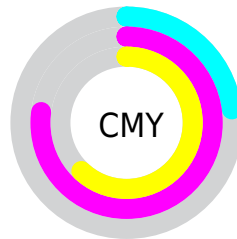


Cyan (0%)

Magenta (70%)

Yellow (51%)

Black (23%)



Cyan (23%)

Magenta (77%)


Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4402, 15.7082, 12.7048 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 26.4402, 15.7082, 12.7048 by changing the saturation by 10% instead.




 26.4402, 15.7082,  
12.7048


 26.4402, 15.7082,  
12.7048


277.1536,  
227.6137, 220.1580


 17.2877, 9.3179,  
7.0973


 53.4105, 36.0909,  
31.4558


 10.5364, 4.9491,  
3.4436


 71.9590, 50.8521,  
45.4363


 5.8210, 2.2174,  
1.3254

 94.3701, 69.1723,  
63.0449

 2.7762, 0.7295,  
0.0825

 121.0093, 91.4360,  
84.7001

 1.0365, 0.0000,  
0.0000

 152.2419,  
118.0277, 110.8205

 0.0000, 0.0000,  
0.0000

188.4332,

149.3315, 141.8246

229.9487,  
185.7321, 178.1309

■ 26.4402, 15.7082,  
12.7048

■ 26.4402, 15.7082,  
12.7048

■ 25.0152, 13.8183,  
9.2703

■ 28.3640, 18.4039,  
16.8973

■ 24.0364, 12.6392,  
6.5438

■ 30.8292, 21.9810,  
21.8913

■ 23.4115, 11.9980,  
4.4596

■ 33.8753, 26.5094,  
27.7279

■ 23.4057, 11.9921,  
4.4403

■ 37.5375, 32.0510,  
34.4447

■ 41.8481, 38.6625,  
42.0772

■ 46.8372, 46.3966,  
50.6587

■ 52.5330, 55.3022,  
60.2210

■ 58.9619, 65.4255,  
70.7941

■ 66.1491, 76.8101,  
82.4069

# Harmonies

## Analogous

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



25.8387, 15.7082, 28.1452



26.4402, 15.7082, 12.7048



23.4778, 15.7082, 4.8277

# Triad

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



26.4402, 15.7082, 12.7048



9.5758, 15.7082, 3.5634



11.9225, 15.7082, 57.9007

# Complementary

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



26.4402, 15.7082, 12.7048



27.8027, 42.9132, 39.6222

# 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.



8.7588, 15.7082, 41.5252



26.4402, 15.7082, 12.7048



7.6268, 15.7082, 9.4094

# Square

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



26.4402, 15.7082, 12.7048



13.3028, 15.7082, 1.8372



7.3652, 15.7082, 22.4158



16.6852, 15.7082, 60.6158



# Rectangle

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



26.4402, 15.7082, 12.7048



20.1980, 15.7082, 2.6553



7.3652, 15.7082, 22.4158



10.6685, 15.7082, 53.5072

# Sweetspot

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



26.4406, 15.7091, 12.7051



74.6148, 68.1966, 74.1355



25.4690, 14.3011, 53.6423



15.4863, 13.8522, 15.0162



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.



26.4406, 15.7091, 12.7051



44.2610, 23.7261, 13.9613



27.1011, 19.1449, 6.4058



10.1824, 10.1216, 11.0512



15.0706, 7.7180, 3.0177



0.6811, 0.3454, 0.2878



# Inverse Universe

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



26.4406, 15.7091, 12.7051



44.2610, 23.7261, 13.9613



25.4621, 32.3039, 57.1176



10.1824, 10.1216, 11.0512



15.0706, 7.7180, 3.0177

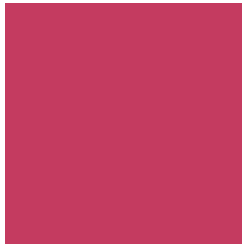


0.6811, 0.3454, 0.2878



# Previews

## White Background



This preview shows how the XYZ color 26.4402, 15.7082, 12.7048 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 26.4402, 15.7082, 12.7048 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 26.4402, 15.7082, 12.7048**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4402, 15.7082, 12.7048.



This preview shows how white text looks on a background with the XYZ color 26.4402, 15.7082,



# 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

26.4402, 15.7082, 12.7048

### Protanopia

15.5815, 15.8969, 20.9861

### Deuteranopia

16.1141, 15.9038, 11.6716



## Tritanopia

25.1818, 15.6673, 7.1657

# Trichromacy



## Original Color

26.4402, 15.7082, 12.7048

## Protanomaly

17.7062, 14.3371, 17.4569

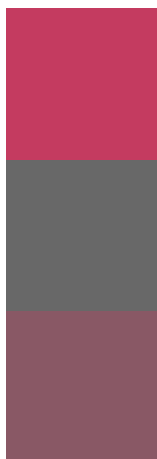
## Deuteranomaly

18.7248, 14.8573, 12.0061

## Tritanomaly

25.6583, 15.7072, 8.8872

# Monochromacy



## Original Color

26.4402, 15.7082, 12.7048

## Achromatopsia

13.1579, 13.8432, 15.0752

## Achromatomaly

16.1552, 13.2374, 14.0155

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4402, 15.7082, 12.7048 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(196, 59, 96)` looks like.

```
.text, #text, p{  
    color:rgb(196, 59, 96)  
}
```

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(196, 59, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 59, 96) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4402, 15.7082, 12.7048 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(196, 59, 96) }
```



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

```
.border{ border-color:rgb(196, 59, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 59, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 59, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 59, 96);  
box-shadow:4px 4px 4px 4px rgb(196, 59,  
96) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4402, 15.7082, 12.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 59, 96) }
```

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

```
.background{ background-color: rgb(196, 59,  
96) }
```

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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