

# Converting Colors

YUV(110.8360, -10.7651,  
93.1058)

Have a look what the booklet for  
YUV(110.8360, -10.7651, 93.1058)  
contains.

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# Color

**YUV(110.8360, -10.7651,  
93.1058)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D93D59
RGB	217, 61, 89
RGB Percent	85%, 24%, 35%
CMY	0.1490, 0.7608, 0.6510
CMYK	0.00, 0.72, 0.59, 0.15
HSL	349°, 67%, 55%
HSV	349°, 72%, 85%
XYZ	32.0872, 18.8105, 11.3908
YIQ	110.8360, 83.9880, 41.7800

# Conversions

## Conversions Part 2

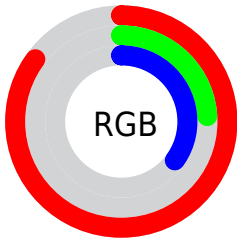
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 61, 89</a>
Decimal	<a href="#">14237017</a>
CIELab	<a href="#">50.46, 61.67, 20.36</a>
CIELCh	<a href="#">50, 64.938, 18.268</a>
Yxy	<a href="#">18.8105, 0.5151, 0.3020</a>
Android (android.graphics.Color)	<a href="#">4292427097 (0xFFD93D59)</a>
YUV	<a href="#">110.8360, -10.7651, 93.1058</a>
Hunter-Lab	<a href="#">43.3710, 56.1603, 14.7880</a>

# Details

The YUV color **110.8360, -10.7651, 93.1058** 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 **167.1640, 10.7651, -93.1058**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9440, -11.3114, 81.6101**, and **51.3610, -3.6290, 90.8914** is the 20% darker color. If you saturate the color by 10%, you get **95.8700, -12.2609, 106.2310**, and if you desaturate by 10%, it is **125.8020, -9.2694, 79.9806**.

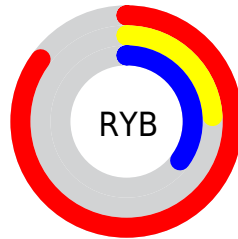
# Distribution



Red (85%)

Green (24%)

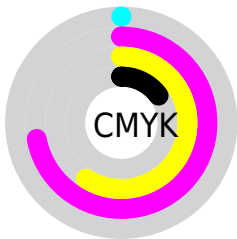
Blue (35%)



Red (85%)

Yellow (24%)

Blue (35%)

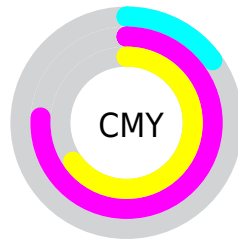


Cyan (0%)

Magenta (72%)

Yellow (59%)

Black (15%)



Cyan (15%)

Magenta (76%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 110.8360, -10.7651, 93.1058 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 YUV color 110.8360, -10.7651, 93.1058 by changing the saturation by 10% instead.





 110.8360,  
-10.7651, 93.1058


 110.8360,  
-10.7651, 93.1058


255.0000, 0.0000,  
0.0000

 77.8130, -5.8238,  
94.8800


 161.9440,  
-11.3114, 81.6101

 51.3610, -3.6290,  
90.8914


 181.9310, -8.3470,  
64.0815

 40.1110, -7.9427,  
74.4477

 201.4450, -4.6564,  
46.9677

 28.4050, -14.0037,  
58.4038

 221.6600, -0.8184,  
29.2392

 20.3750, -8.5659,  
40.8901

 242.4620, 2.7302,  
10.9958

 10.2800, -4.5750,  
20.8024

 0.0000, 0.0000,

0.0000

■ 110.8360,  
-10.7651, 93.1058

■ 110.8360,  
-10.7651, 93.1058

■ 95.8700, -12.2609,  
106.2310

■ 125.8020, -9.2694,  
79.9806

■ 81.4910, -14.0461,  
118.8414

■ 140.1810, -7.4842,  
67.3703

■ 69.3290, -14.9522,  
129.5075

■ 155.0330, -6.4253,  
54.3451

■ 169.9990, -4.9295,  
41.2199

■ 184.9650, -3.4337,  
28.0947

■ 199.3440, -1.6486,  
15.4843

■ 214.3100, -0.1528,  
2.3591

■ 229.1620, 0.9061,  
-10.6661

■ 242.9540, 2.9807,  
-22.7617

# Harmonies

## Analogous

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



114.7030, 14.4434, 80.9445



110.8360, -10.7651, 93.1058



113.9130, -37.9181, 75.4983

# Triad

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



110.8360, -10.7651, 93.1058



96.4010, -28.7917, -52.0947



104.1770, 61.5377, -91.3632

# Complementary

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



110.8360, -10.7651, 93.1058



167.1640, 10.7651, -93.1058

# 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.



106.3820, 47.1397, -93.2970



110.8360, -10.7651, 93.1058



95.4720, 0.2603, -83.7289

# Square

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



110.8360, -10.7651, 93.1058



108.9230, -53.6990, 3.5755



102.5570, 24.8684, -89.9425



112.4050, 56.0023, -42.4512



# Rectangle

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



110.8360, -10.7651, 93.1058



112.7970, -55.6089, 56.3060



102.5570, 24.8684, -89.9425



105.8410, 57.7594, -92.8226

# Sweetspot

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



110.8360, -10.7651, 93.1058



216.8840, -3.8868, 33.4277



116.7570, 49.4198, 62.4801



104.8500, -2.3910, 20.3026



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



110.8360, -10.7651, 93.1058



105.9270, -15.2470, 130.7370



136.4070, -37.1757, 70.6801



102.5170, -0.7479, 6.5626



55.2610, -11.9607, 103.2571



14.6660, -3.2863, 27.4799



# Inverse Universe

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



110.8360, -10.7651, 93.1058



105.9270, -15.2470, 130.7370



141.5930, 37.1757, -70.6801



102.5170, -0.7479, 6.5626



55.2610, -11.9607, 103.2571

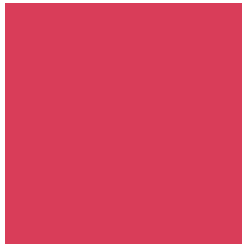


14.6660, -3.2863, 27.4799



# Previews

## White Background



This preview shows how the YUV color 110.8360, -10.7651, 93.1058 looks on a white 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



# Black Background



This preview shows how the YUV color 110.8360, -10.7651, 93.1058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

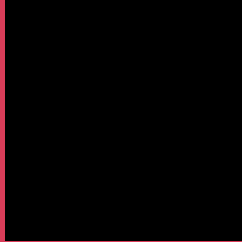
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 110.8360, -10.7651, 93.1058

## Background



This preview shows how black text looks on a background with the YUV color 110.8360, -10.7651, 93.1058.



This preview shows how white text looks on a background with the YUV color 110.8360, -10.7651, 93.1058.



# 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

110.8360, -10.7651, 93.1058

### Protanopia

120.7400, -2.3368, 2.8590

### Deuteranopia

120.0940, -19.2733, 21.8426



## Tritanopia

110.4910, -20.9481, 92.5314

# Trichromacy



## Original Color

110.8360, -10.7651, 93.1058

## Protanomaly

117.4390, -5.6394, 35.5720

## Deuteranomaly

116.4700, -16.0077, 47.8228

## Tritanomaly

110.8160, -17.1643, 92.2464

# Monochromacy



## Original Color

110.8360, -10.7651, 93.1058

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.1830, -4.0342, 34.0425

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.8360, -10.7651, 93.1058 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(217, 61, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 89)  
}
```

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(217, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 89) }
```

## Border

The CSS property to change the border of an element to YUV 110.8360, -10.7651, 93.1058 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(217, 61, 89) }
```



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

```
.border{ border-color:rgb(217, 61, 89) }
```

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

Here you see how a box with a 4 pixel rgb(217, 61, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 61, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 61, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 61,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 110.8360, -10.7651, 93.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 89) }
```

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

```
.background{ background-color: rgb(217, 61,  
89) }
```

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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