

# Converting Colors

YUV(111.6640, 0.1656, 87.1177)

Have a look what the booklet for  
YUV(111.6640, 0.1656, 87.1177)  
contains.

<b>YUV(111.6640, 0.1656, 87.1177)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(111.6640, 0.1656,  
87.1177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D33D70
RGB	211, 61, 112
RGB Percent	83%, 24%, 44%
CMY	0.1725, 0.7608, 0.5608
CMYK	0.00, 0.71, 0.47, 0.17
HSL	340°, 63%, 53%
HSV	340°, 71%, 83%
XYZ	31.4573, 18.3562, 17.2144
YIQ	111.6640, 73.0290, 47.6610

# Conversions

## Conversions Part 2

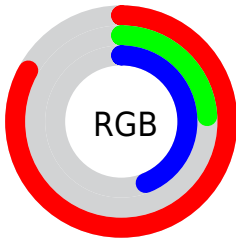
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 61, 112
Decimal	13843824
CIE <sub>Lab</sub>	49.93, 61.70, 5.52
CIE <sub>LCh</sub>	50, 61.943, 5.112
Yxy	18.3562, 0.4693, 0.2739
Android (android.graphics.Color)	4292033904 (0xFFD33D70)
YUV	111.6640, 0.1656, 87.1177
Hunter-Lab	42.8442, 56.0822, 6.1688

# Details

The YUV color **111.6640, 0.1656, 87.1177** 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 **160.3360, -0.1656, -87.1177**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6800, -0.8282, 79.2106**, and **52.5590, 6.1334, 86.3328** is the 20% darker color. If you saturate the color by 10%, you get **97.7410, 0.1277, 99.3281**, and if you desaturate by 10%, it is **125.5870, 0.2036, 74.9072**.

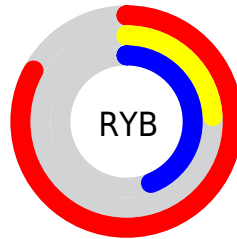
# Distribution



Red (83%)

Green (24%)

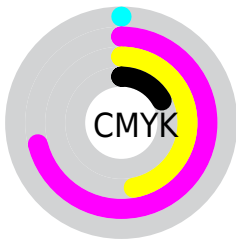
Blue (44%)



Red (83%)

Yellow (24%)

Blue (44%)

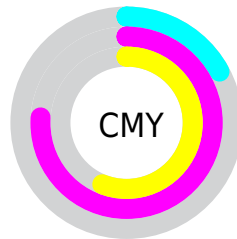


Cyan (0%)

Magenta (71%)

Yellow (47%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.6640, 0.1656, 87.1177 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 111.6640, 0.1656, 87.1177 by changing the saturation by 10% instead.



111.6640, 0.1656,  
87.1177

111.6640, 0.1656,  
87.1177

255.0000, 0.0000,  
0.0000

78.8260, 4.5228,  
89.6066

164.6800, -0.8282,  
79.2106

52.5590, 6.1334,  
86.3328

184.1940, 2.8624,  
62.0969

41.0810, 0.9461,  
70.0890

204.4090, 6.7004,  
44.3683

30.1300, -3.5151,  
54.2600

224.7380, 10.9752,  
26.5398

20.0760, -8.4185,  
40.2753

242.6730, 6.0772,  
10.8108

9.6820, -4.2802,  
19.5729

0.0000, 0.0000,

0.0000

■ 111.6640, 0.1656,  
87.1177

■ 111.6640, 0.1656,  
87.1177

■ 97.7410, 0.1277,  
99.3281

■ 125.5870, 0.2036,  
74.9072

■ 83.8180, 0.0897,  
111.5386

■ 139.5100, 0.2416,  
62.6967

■ 71.2970, 0.3466,  
122.5195

■ 153.4330, 0.2795,  
50.4863

■ 167.3560, 0.3175,  
38.2758

■ 181.8660, 0.0661,  
25.5505

■ 195.7890, 0.1040,  
13.3400

■ 209.5980, -0.2948,  
1.2296

■ 223.5210, -0.2569,  
-10.9809

■ 237.4440, -0.2189,  
-23.1914

# Harmonies

## Analogous

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



118.3460, 22.5074, 61.0866



111.6640, 0.1656, 87.1177



112.2740, -25.2781, 81.3207

# Triad

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



111.6640, 0.1656, 87.1177



102.9290, -42.8560, -20.9857



104.2280, 54.1176, -91.4080

# Complementary

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



111.6640, 0.1656, 87.1177



160.3360, -0.1656, -87.1177

# 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.



103.6460, 36.6565, -90.8975



111.6640, 0.1656, 87.1177



90.3880, -9.0653, -79.2703

# Square

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



111.6640, 0.1656, 87.1177



110.2180, -54.3375, 21.7338



98.4190, 14.0904, -86.3135



97.1500, 62.5371, -85.2005



# Rectangle

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



111.6640, 0.1656, 87.1177



112.9350, -41.3800, 65.8320



98.4190, 14.0904, -86.3135



104.3760, 49.6076, -91.5378

# Sweetspot

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



111.6640, 0.1656, 87.1177



219.3120, 0.3392, 31.2984



107.4020, 51.0738, 45.2514



106.7080, -0.3490, 18.6731



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.



111.6640, 0.1656, 87.1177



111.3190, 0.3357, 126.0082



119.3510, -28.7670, 80.3762



97.7450, 0.1257, 6.3626



56.7300, 0.1331, 97.5838



13.8550, 0.0715, 23.8062



# Inverse Universe

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



111.6640, 0.1656, 87.1177



111.3190, 0.3357, 126.0082



152.6490, 28.7670, -80.3762



97.7450, 0.1257, 6.3626



56.7300, 0.1331, 97.5838



13.8550, 0.0715, 23.8062



# Previews

## White Background



This preview shows how the YUV color 111.6640, 0.1656, 87.1177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

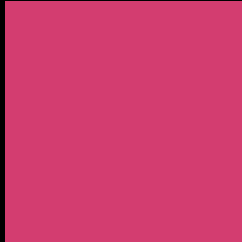
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.6640, 0.1656, 87.1177 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 111.6640, 0.1656, 87.1177**

## **Background**



This preview shows how black text looks on a background with the YUV color 111.6640, 0.1656, 87.1177.



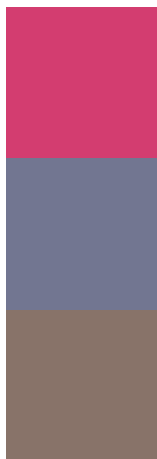
This preview shows how white text looks on a background with the YUV color 111.6640, 0.1656,



# 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

111.6640, 0.1656, 87.1177

### Protanopia

119.8820, 12.3832, -5.1585

### Deuteranopia

120.1390, -7.4635, 13.9101



## Tritanopia

112.0170, -18.7424, 85.0541

# Trichromacy



## Original Color

111.6640, 0.1656, 87.1177

## Protanomaly

116.6520, 8.0596, 28.3692

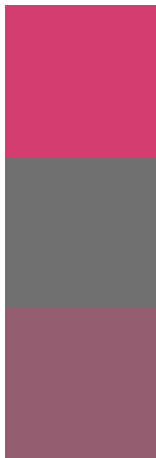
## Deuteranomaly

116.8140, -4.3453, 40.5051

## Tritanomaly

112.1510, -11.9064, 85.8136

# Monochromacy



## Original Color

111.6640, 0.1656, 87.1177

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.6110, 0.1918, 31.9132

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.6640, 0.1656, 87.1177 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(211, 61, 112)` looks like.

```
.text, #text, p{  
    color:rgb(211, 61, 112)  
}
```

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(211, 61, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 61, 112) }
```

## Border

The CSS property to change the border of an element to YUV 111.6640, 0.1656, 87.1177 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(211, 61, 112) }
```



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

```
.border{ border-color:rgb(211, 61, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 61, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 61, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 61, 112);  
box-shadow:4px 4px 4px 4px rgb(211, 61,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 111.6640, 0.1656, 87.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 61, 112) }
```

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

```
.background{ background-color: rgb(211, 61,  
112) }
```

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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