

# Converting Colors

YUV(135.2850, 11.6915,  
76.9261)

Have a look what the booklet for  
YUV(135.2850, 11.6915, 76.9261)  
contains.

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# Color

**YUV(135.2850, 11.6915,  
76.9261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF569F
RGB	223, 86, 159
RGB Percent	87%, 34%, 62%
CMY	0.1255, 0.6627, 0.3765
CMYK	0.00, 0.61, 0.29, 0.13
HSL	328°, 68%, 61%
HSV	328°, 61%, 87%
XYZ	40.0172, 24.8468, 35.4877
YIQ	135.2850, 58.2190, 51.7470

# Conversions

## Conversions Part 2

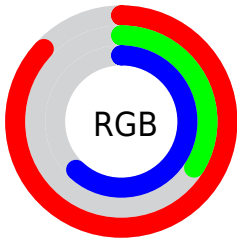
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 86, 159
Decimal	14636703
CIE Lab	56.93, 60.41, -11.90
CIE LCh	57, 61.574, 348.854
Yxy	24.8468, 0.3988, 0.2476
Android (android.graphics.Color)	4292826783 (0xFFDF569F)
YUV	135.2850, 11.6915, 76.9261
Hunter-Lab	49.8465, 56.0700, -7.3183

# Details

The YUV color **135.2850, 11.6915, 76.9261** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **173.7150, -11.6915, -76.9261**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9950, 14.7925, 62.2714**, and **73.6750, 16.9222, 79.2150** is the 20% darker color. If you saturate the color by 10%, you get **121.2310, 13.6901, 89.2514**, and if you desaturate by 10%, it is **149.3390, 9.6929, 64.6007**.

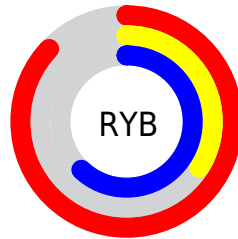
# Distribution



Red (87%)

Green (34%)

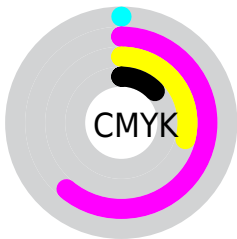
Blue (62%)



Red (87%)

Yellow (34%)

Blue (62%)

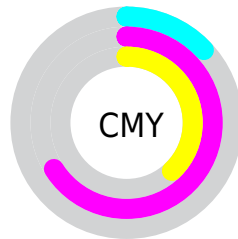


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (66%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.2850, 11.6915, 76.9261 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 135.2850, 11.6915, 76.9261 by changing the saturation by 10% instead.



135.2850, 11.6915,  
76.9261

135.2850, 11.6915,  
76.9261

255.0000, 0.0000,  
0.0000

106.3280, 13.1493,  
76.0113

183.9950, 14.7925,  
62.2714

73.6750, 16.9222,  
79.2150

204.2100, 18.6305,  
44.5428

49.8270, 16.3543,  
74.6967

222.1280, 16.2059,  
28.8287

38.8330, 10.4353,  
59.7825

239.7380, 7.5242,  
13.3848

27.9530, 4.9532,  
44.7682

18.0840, -0.5344,  
31.4983

3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,  
0.0000

■ 135.2850, 11.6915,  
76.9261

■ 135.2850, 11.6915,  
76.9261

■ 121.2310, 13.6901,  
89.2514

■ 149.3390, 9.6929,  
64.6007

■ 106.4760, 15.5413,  
102.1915

■ 164.0940, 7.8417,  
51.6606

■ 92.4220, 17.5400,  
114.5169

■ 178.1480, 5.8430,  
39.3352

■ 80.2430, 19.1072,  
125.1979

■ 192.3160, 4.2812,  
26.9099

■ 206.9570, 1.9932,  
14.0697

■ 221.1250, 0.4314,  
1.6444

■ 235.1790, -1.5672,  
-10.6810

■ 243.9500, -0.9613,  
-18.3731

■ 245.2040, 3.8434,  
-19.4729

# Harmonies

## Analogous

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



140.6400, 33.2085, 35.3957



135.2850, 11.6915, 76.9261



131.5320, -13.0803, 88.9874

# Triad

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



135.2850, 11.6915, 76.9261



125.2930, -54.8674, 5.0050



117.4840, 49.0614, -103.0335

# Complementary

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



135.2850, 11.6915, 76.9261



173.7150, -11.6915, -76.9261

# 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.



114.4740, 27.3743, -100.3937



135.2850, 11.6915, 76.9261



116.7760, -27.4976, -47.1616

# Square

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



135.2850, 11.6915, 76.9261



129.8510, -57.6075, 43.9807



106.9160, 3.4924, -93.7653



115.0510, 62.5859, -100.8997



# Rectangle

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



135.2850, 11.6915, 76.9261



132.1230, -29.6406, 80.5761



106.9160, 3.4924, -93.7653



117.0620, 42.3674, -102.6634

# Sweetspot

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



135.2850, 11.6915, 76.9261



225.6040, 4.1392, 25.7803



120.7540, 50.4073, 25.6487



109.3810, 2.2772, 16.3289



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.



135.2850, 11.6915, 76.9261



134.0250, 16.2567, 106.0951



127.5330, -18.0108, 83.7246



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099



# Inverse Universe

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



135.2850, 11.6915, 76.9261



134.0250, 16.2567, 106.0951



181.4670, 18.0108, -83.7246



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099



# Previews

## White Background



This preview shows how the YUV color 135.2850, 11.6915, 76.9261 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 135.2850, 11.6915, 76.9261 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

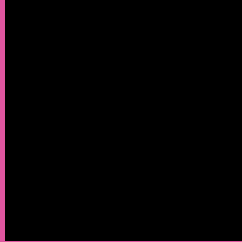
Any Text WCAG AA ✓ Pass

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 135.2850, 11.6915, 76.9261 Background



This preview shows how black text looks on a background with the YUV color 135.2850, 11.6915, 76.9261.



This preview shows how white text looks on a background with the YUV color 135.2850, 11.6915,



# 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

135.2850, 11.6915, 76.9261

### Protanopia

136.8280, 27.6928, -15.6352

### Deuteranopia

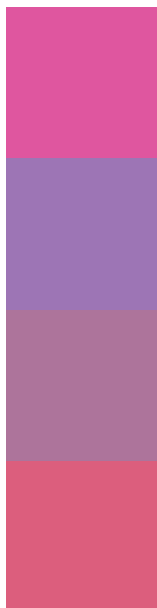
138.4550, 6.6777, 4.8630



## Tritanopia

134.6780, -14.6313, 73.0734

# Trichromacy



## Original Color

135.2850, 11.6915, 76.9261

## Protanomaly

136.2560, 22.0588, 18.1925

## Deuteranomaly

137.4890, 8.6329, 31.1431

## Tritanomaly

135.2080, -5.0325, 74.3626

# Monochromacy



## Original Color

135.2850, 11.6915, 76.9261

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.0280, 4.4232, 28.0394

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.2850, 11.6915, 76.9261 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(223, 86, 159)` looks like.

```
.text, #text, p{  
    color:rgb(223, 86, 159)  
}
```

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(223, 86, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 86, 159) }
```

## Border

The CSS property to change the border of an element to YUV 135.2850, 11.6915, 76.9261 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(223, 86, 159) }
```



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

```
.border{ border-color:rgb(223, 86, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 86, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 86, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 86, 159);  
box-shadow:4px 4px 4px 4px rgb(223, 86,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 135.2850, 11.6915, 76.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 86, 159) }
```

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

```
.background{ background-color: rgb(223, 86,  
159) }
```

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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