

# Converting Colors

YUV(141.1980, 27.0174,  
61.2164)

Have a look what the booklet for  
YUV(141.1980, 27.0174, 61.2164)  
contains.

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# Color

**YUV(141.1980, 27.0174,  
61.2164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D35FC4
RGB	211, 95, 196
RGB Percent	83%, 37%, 77%
CMY	0.1725, 0.6275, 0.2314
CMYK	0.00, 0.55, 0.07, 0.17
HSL	308°, 57%, 60%
HSV	308°, 55%, 83%
XYZ	40.9200, 26.0188, 55.0900
YIQ	141.1980, 36.7150, 56.0030

# Conversions

## Conversions Part 2

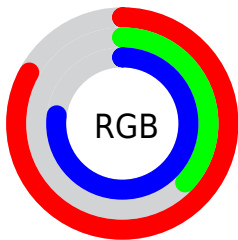
Format	Color
R <sub>Y</sub> B	211, 95, 196
Decimal	13852612
CIE Lab	58.05, 58.34, -31.69
CIE LCh	58, 66.393, 331.493
Yxy	26.0188, 0.3353, 0.2132
Android (android.graphics.Color)	4292042692 (0xFFD35FC4)
YUV	141.1980, 27.0174, 61.2164
Hunter-Lab	51.0087, 53.9305, -28.3279

# Details

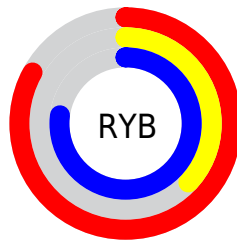
The YUV color **141.1980, 27.0174, 61.2164** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **164.8020, -27.0174, -61.2164**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1370, 29.5125, 54.2539**, and **83.9530, 28.6172, 61.4312** is the 20% darker color. If you saturate the color by 10%, you get **128.5290, 31.7842, 72.3271**, and if you desaturate by 10%, it is **153.8670, 22.2506, 50.1056**.

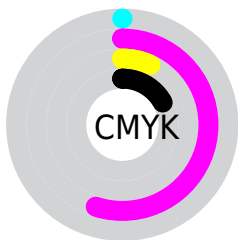
# Distribution



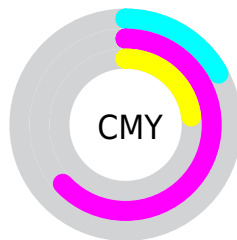
- Red (83%)
- Green (37%)
- Blue (77%)



- Red (83%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (55%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (63%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.1980, 27.0174, 61.2164 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 141.1980, 27.0174, 61.2164 by changing the saturation by 10% instead.



141.1980, 27.0174,  
61.2164

141.1980, 27.0174,  
61.2164

255.0000, 0.0000,  
0.0000

113.0130, 27.6016,  
60.5016

193.1370, 29.5125,  
54.2539

83.9530, 28.6172,  
61.4312

209.8010, 22.2831,  
39.6395

50.8980, 32.0953,  
65.8645

226.8240, 13.8908,  
24.7104

39.9750, 25.1553,  
51.7649

243.8470, 5.4984,  
9.7812

29.1660, 18.6522,  
37.5654

19.4820, 12.5804,  
25.0103

4.0030, 8.8725,

0.8744

■ 0.0000, 0.0000,  
0.0000

■ 141.1980, 27.0174,  
61.2164

■ 141.1980, 27.0174,  
61.2164

■ 128.5290, 31.7842,  
72.3271

■ 153.8670, 22.2506,  
50.1056

■ 115.9740, 36.9878,  
83.3378

■ 166.4220, 17.0470,  
39.0949

■ 103.3050, 41.7546,  
94.4485

■ 179.0910, 12.2801,  
27.9842

■ 90.6360, 46.5215,  
105.5592

■ 191.7600, 7.5133,  
16.8735

■ 84.0650, 49.2680,  
111.3220

■ 205.0160, 2.4571,  
5.2480

■ 217.5710, -2.7465,  
-5.7628

■ 230.2400, -7.5133,  
-16.8735

■ 237.6260, -9.6756,  
-23.3510

■ 237.9680, -8.3652,  
-23.6509

# Harmonies

## Analogous

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



141.6060, 48.0152, -0.5315



141.1980, 27.0174, 61.2164



133.6910, 2.6173, 94.1100

# Triad

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



141.1980, 27.0174, 61.2164



130.0420, -64.1107, 29.7812



120.1280, 38.8839, -105.3523

# Complementary

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



141.1980, 27.0174, 61.2164



164.8020, -27.0174, -61.2164

# 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.



113.5160, 13.5496, -99.5535



141.1980, 27.0174, 61.2164



124.1270, -49.8556, -15.8974

# Square

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



141.1980, 27.0174, 61.2164



133.7150, -51.1315, 66.9019



104.3280, -11.5007, -91.4957



121.3940, 58.9658, -106.4625



# Rectangle

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



141.1980, 27.0174, 61.2164



132.5930, -15.5753, 95.9499



104.3280, -11.5007, -91.4957



118.0760, 31.0215, -103.5527

# Sweetspot

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



141.1980, 27.0174, 61.2164



230.3630, 9.6810, 21.6066



112.4100, 48.6049, -2.9906



112.8690, 5.4876, 13.2699



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.



141.1980, 27.0174, 61.2164



153.8760, 39.0081, 88.6857



134.7000, 2.1199, 66.9151



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066



# Inverse Universe

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



141.1980, 27.0174, 61.2164



153.8760, 39.0081, 88.6857



171.3000, -2.1199, -66.9151



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066



# Previews

## White Background



This preview shows how the YUV color 141.1980, 27.0174, 61.2164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

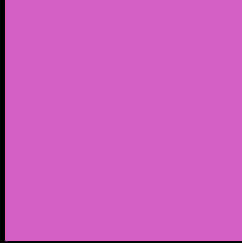
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.1980, 27.0174, 61.2164 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 141.1980, 27.0174, 61.2164 Background



This preview shows how black text looks on a background with the YUV color 141.1980, 27.0174, 61.2164.



This preview shows how white text looks on a background with the YUV color 141.1980, 27.0174,



# 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

141.1980, 27.0174, 61.2164

### Protanopia

137.2510, 46.2183, -30.9151

### Deuteranopia

140.2260, 24.0456, -12.4762



## Tritanopia

140.9360, -9.3354, 54.4301

# Trichromacy



## Original Color

141.1980, 27.0174, 61.2164



## Protanomaly

138.9240, 38.9845, 2.6977



## Deuteranomaly

140.4450, 25.4166, 14.5187



## Tritanomaly

140.8020, 4.0416, 57.1786

# Monochromacy



## Original Color

141.1980, 27.0174, 61.2164



## Achromatopsia

141.0000, 0.0000, 0.0000



## Achromatomaly

140.7760, 9.9704, 22.1214

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.1980, 27.0174, 61.2164 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, 95, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 196)  
}
```

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, 95, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 196) }
```

## Border

The CSS property to change the border of an element to YUV 141.1980, 27.0174, 61.2164 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, 95, 196) }
```



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

```
.border{ border-color:rgb(211, 95, 196) }
```

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

Here you see how a box with a 4 pixel rgb(211, 95, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 141.1980, 27.0174, 61.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 196) }
```

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

```
.background{ background-color: rgb(211, 95,  
196) }
```

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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