

# Converting Colors

YUV(153.3280, 13.1493,  
76.0113)

Have a look what the booklet for  
YUV(153.3280, 13.1493, 76.0113)  
contains.

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# Color

**YUV(153.3280, 13.1493,  
76.0113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F068B4
RGB	240, 104, 180
RGB Percent	94%, 41%, 71%
CMY	0.0588, 0.5922, 0.2941
CMYK	0.00, 0.57, 0.25, 0.06
HSL	326°, 82%, 67%
HSV	326°, 57%, 94%
XYZ	49.1237, 31.7212, 46.7137
YIQ	153.3280, 56.6600, 52.4680

# Conversions

## Conversions Part 2

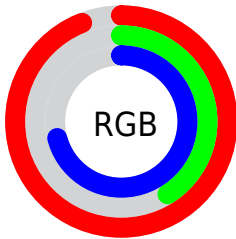
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 104, 180
Decimal	15755444
CIE Lab	63.11, 60.26, -14.44
CIE LCh	63, 61.963, 346.521
Yxy	31.7212, 0.3851, 0.2487
Android (android.graphics.Color)	4293945524 (0xFFFF068B4)
YUV	153.3280, 13.1493, 76.0113
Hunter-Lab	56.3216, 57.1251, -9.7507

# Details

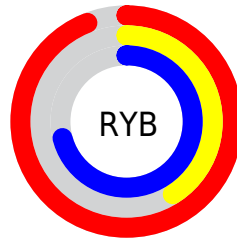
The YUV color **153.3280, 13.1493, 76.0113** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **190.6720, -13.1493, -76.0113**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0690, 19.1930, 50.8055**, and **95.0120, 15.7701, 75.4115** is the 20% darker color. If you saturate the color by 10%, you get **137.9860, 15.2899, 89.4663**, and if you desaturate by 10%, it is **168.6700, 11.0087, 62.5564**.

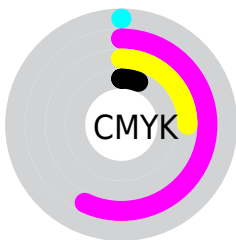
# Distribution



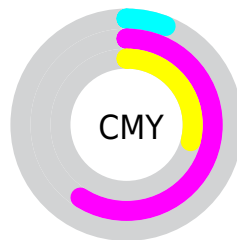
- Red (94%)
- Green (41%)
- Blue (71%)



- Red (94%)
- Yellow (41%)
- Blue (71%)



- Cyan (0%)
- Magenta (57%)
- Yellow (25%)
- Black (6%)




- Cyan (6%)
- Magenta (59%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.3280, 13.1493, 76.0113 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 153.3280, 13.1493, 76.0113 by changing the saturation by 10% instead.





 153.3280, 13.1493,  
76.0113


 153.3280, 13.1493,  
76.0113


255.0000, 0.0000,  
0.0000


 124.8440, 13.8809,  
74.6818


 197.0690, 19.1930,  
50.8055

 95.0120, 15.7701,  
75.4115


 216.2580, 19.0998,  
33.9767

 57.0760, 22.1475,  
83.2483

 233.2810, 10.7075,  
19.0476

 45.6690, 15.9392,  
67.8193

 250.3040, 2.3151,  
4.1184

 34.6750, 10.0202,  
52.9050

 24.5070, 4.6800,  
39.0204

 13.4700, -2.6967,

25.0208

■ 0.0000, 0.0000,  
0.0000

■ 153.3280, 13.1493,  
76.0113

■ 153.3280, 13.1493,  
76.0113

■ 137.9860, 15.2899,  
89.4663

■ 168.6700, 11.0087,  
62.5564

■ 122.7580, 17.8673,  
102.8212

■ 183.8980, 8.4313,  
49.2015

■ 107.4160, 20.0079,  
116.2762

■ 199.2400, 6.2907,  
35.7465

■ 92.1880, 22.5853,  
129.6311

■ 214.4680, 3.7133,  
22.3916

■ 87.0360, 23.1533,  
134.1494

■ 229.8100, 1.5727,  
8.9366

■ 245.1520, -0.5679,  
-4.5183

■ 250.4010, 1.7743,  
-9.1217

■ 250.5150, 2.2111,  
-9.2217

# Harmonies

## Analogous

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



157.4870, 35.2559, 32.0219



153.3280, 13.1493, 76.0113



149.7710, -12.2121, 90.5318

# Triad

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



153.3280, 13.1493, 76.0113



142.5430, -54.0047, 8.2938



129.7600, 50.4043, -113.7995

# Complementary

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



153.3280, 13.1493, 76.0113



190.6720, -13.1493, -76.0113

# 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.



125.8210, 27.6962, -110.3450



153.3280, 13.1493, 76.0113



134.5980, -30.8608, -41.7434

# Square

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



153.3280, 13.1493, 76.0113



147.2690, -54.8556, 47.9991



118.1490, 3.3775, -103.6167



126.5120, 63.3446, -110.9510



# Rectangle

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



153.3280, 13.1493, 76.0113



149.2590, -29.2147, 83.9649



118.1490, 3.3775, -103.6167



129.2240, 43.2736, -113.3294

# Sweetspot

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



153.3280, 13.1493, 76.0113



227.5930, 4.1447, 24.0359



137.1450, 50.7075, 22.6748



111.3700, 2.2826, 14.5845



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.



153.3280, 13.1493, 76.0113



144.7850, 16.8680, 96.6586



145.6900, -16.1162, 82.7099



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.2780, 5.2859, 31.3282



# Inverse Universe

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



153.3280, 13.1493, 76.0113



144.6710, 16.4312, 96.7585



198.3100, 16.1162, -82.7099



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.2780, 5.2859, 31.3282



# Previews

## White Background



This preview shows how the YUV color 153.3280, 13.1493, 76.0113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

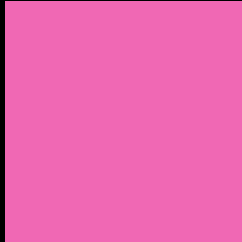
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.3280, 13.1493, 76.0113 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 ✓ Pass

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

# YUV 153.3280, 13.1493, 76.0113

## Background



This preview shows how black text looks on a background with the YUV color 153.3280, 13.1493, 76.0113.



This preview shows how white text looks on a background with the YUV color 153.3280, 13.1493,



# 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

153.3280, 13.1493, 76.0113

### Protanopia

152.9850, 29.5874, -16.6498

### Deuteranopia

154.7260, 9.0091, 3.7483



## Tritanopia

152.4930, -14.0470, 72.3586

# Trichromacy



## Original Color

153.3280, 13.1493, 76.0113



## Protanomaly

153.2990, 23.5166, 17.2778



## Deuteranomaly

154.3470, 10.6749, 29.5137



## Tritanomaly

153.0230, -4.4483, 73.6478

# Monochromacy



## Original Color

153.3280, 13.1493, 76.0113



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

153.1420, 4.8600, 27.9395

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.3280, 13.1493, 76.0113 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(240, 104, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 104, 180)  
}
```

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(240, 104, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 104, 180) }
```

## Border

The CSS property to change the border of an element to YUV 153.3280, 13.1493, 76.0113 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(240, 104, 180) }
```



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

```
.border{ border-color:rgb(240, 104, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 104, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 104, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 104, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 104,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 153.3280, 13.1493, 76.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 104, 180) }
```

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

```
.background{ background-color: rgb(240,  
104, 180) }
```

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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