

# Converting Colors

YUV(160.1730, 25.0577,  
83.1633)

Have a look what the booklet for  
YUV(160.1730, 25.0577, 83.1633)  
contains.

<b>YUV(160.1730, 25.0577, 83.1633)</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(160.1730, 25.0577,  
83.1633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF66D3
RGB	255, 102, 211
RGB Percent	100%, 40%, 83%
CMY	0.0000, 0.6000, 0.1725
CMYK	0.00, 0.60, 0.17, 0.00
HSL	317°, 100%, 70%
HSV	317°, 60%, 100%
XYZ	57.7492, 35.4659, 65.4299
YIQ	160.1730, 56.1990, 66.3350

# Conversions

## Conversions Part 2

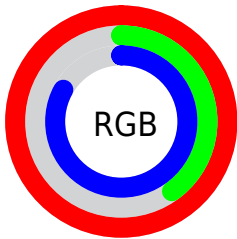
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 102, 211
Decimal	16738003
CIE Lab	66.11, 69.56, -27.20
CIE LCh	66, 74.695, 338.641
Yxy	35.4659, 0.3640, 0.2236
Android (android.graphics.Color)	4294928083 (0xFFFF66D3)
YUV	160.1730, 25.0577, 83.1633
Hunter-Lab	59.5532, 68.8746, -23.4534

# Details

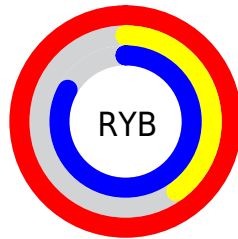
The YUV color **160.1730, 25.0577, 83.1633** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **196.8270, -25.0577, -83.1633**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **98.3950, 28.3993, 84.7226** is the 20% darker color. If you saturate the color by 10%, you get **144.7000, 29.2349, 96.7331**, and if you desaturate by 10%, it is **176.2330, 20.5911, 69.0787**.

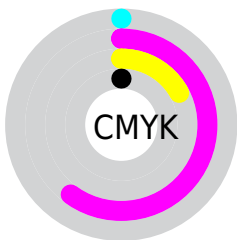
# Distribution



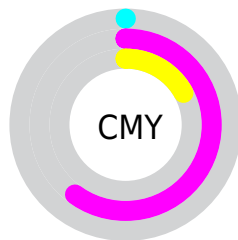
- Red (100%)
- Green (40%)
- Blue (83%)



- Red (100%)
- Yellow (40%)
- Blue (83%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 160.1730, 25.0577, 83.1633 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 160.1730, 25.0577, 83.1633 by changing the saturation by 10% instead.





 160.1730, 25.0577,  
83.1633


 160.1730, 25.0577,  
83.1633


255.0000, 0.0000,  
0.0000


 130.4010, 25.9313,  
82.9633


 199.2350, 27.4921,  
48.9059


 98.3950, 28.3993,  
84.7226


 216.2580, 19.0998,  
33.9767


 64.4540, 32.3142,  
89.0558

 233.8680, 10.4181,  
18.5328

 52.9330, 25.6690,  
73.7268

 250.8910, 2.0257,  
3.6036

 41.4120, 19.0239,  
58.3977

 30.4180, 13.1049,  
43.4834

 20.1360, 7.3280,

29.6987

■ 6.5930, 0.6937,  
10.8809

■ 0.0000, 0.0000,  
0.0000

■ 160.1730, 25.0577,  
83.1633

■ 160.1730, 25.0577,  
83.1633

■ 144.7000, 29.2349,  
96.7331

■ 176.2330, 20.5911,  
69.0787

■ 128.5260, 33.2647,  
110.9177

■ 191.8200, 16.8507,  
55.4089

■ 112.4660, 37.7313,  
125.0023

■ 207.8800, 12.3842,  
41.3242

■ 96.9930, 41.9085,  
138.5721

■ 223.3530, 8.2070,  
27.7544

239.5270, 4.1772,  
13.5698

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



163.6410, 45.0400, 20.4858



160.1730, 25.0577, 83.1633



145.4910, -0.7351, 96.0394

# Triad

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



160.1730, 25.0577, 83.1633



148.2940, -73.1089, 22.5442



139.2320, 51.1576, -122.1065

# Complementary

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



160.1730, 25.0577, 83.1633



196.8270, -25.0577, -83.1633

# 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.



132.5230, 22.9132, -116.2227



160.1730, 25.0577, 83.1633



140.6470, -48.6330, -34.7704

# Square

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



160.1730, 25.0577, 83.1633



152.0730, -67.5770, 68.3420



122.7820, -6.7945, -107.6798



135.3170, 59.0037, -118.6730



# Rectangle

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



160.1730, 25.0577, 83.1633



146.4590, -22.4113, 95.1905



122.7820, -6.7945, -107.6798



137.5390, 42.1323, -120.6217

# Sweetspot

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



160.1730, 25.0577, 83.1633



226.5160, 7.6336, 24.9805



132.2990, 60.4916, 11.1388



109.9510, 4.4612, 15.8290



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.



160.1730, 25.0577, 83.1633



140.9500, 30.0977, 100.0219



151.5090, -8.1389, 90.7616



119.9130, 2.0149, 7.0923



72.6130, 31.2498, 103.8254



24.2660, 10.2219, 34.8467



# Inverse Universe

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



160.1730, 25.0577, 83.1633



140.9500, 30.0977, 100.0219



205.4910, 8.1389, -90.7616



119.9130, 2.0149, 7.0923



72.6130, 31.2498, 103.8254

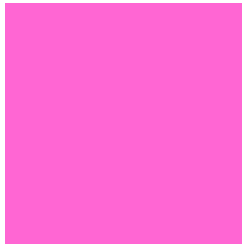


24.2660, 10.2219, 34.8467



# Previews

## White Background



This preview shows how the YUV color 160.1730, 25.0577, 83.1633 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

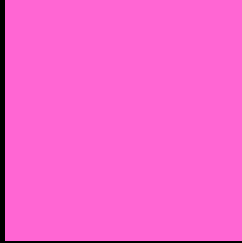
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.1730, 25.0577, 83.1633 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

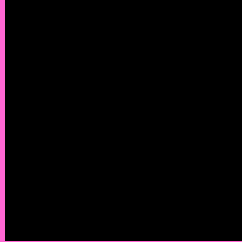
Any Text WCAG AA ✓ Pass

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 160.1730, 25.0577, 83.1633 Background



This preview shows how black text looks on a background with the YUV color 160.1730, 25.0577, 83.1633.



This preview shows how white text looks on a background with the YUV color 160.1730, 25.0577,



# 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

160.1730, 25.0577, 83.1633

### Protanopia

159.1910, 47.2338, -29.9855

### Deuteranopia

162.1190, 19.6613, -6.2434



## Tritanopia

160.4010, -14.4947, 75.9473

# Trichromacy



## Original Color

160.1730, 25.0577, 83.1633



## Protanomaly

159.6800, 39.1048, 10.8046



## Deuteranomaly

161.4850, 21.4529, 25.8847



## Tritanomaly

160.4950, -0.2440, 78.4959

# Monochromacy



## Original Color

160.1730, 25.0577, 83.1633



## Achromatopsia

160.0000, 0.0000, 0.0000



## Achromatomaly

160.3040, 9.2171, 30.4284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.1730, 25.0577, 83.1633 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(255, 102, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 211)  
}
```

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(255, 102, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 211) }
```

## Border

The CSS property to change the border of an element to YUV 160.1730, 25.0577, 83.1633 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(255, 102, 211) }
```



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

```
.border{ border-color:rgb(255, 102, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 160.1730, 25.0577, 83.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 211) }
```

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

```
.background{ background-color: rgb(255,  
102, 211) }
```

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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