

Converting Colors

YUV(160.0590, 24.6209,
83.2633)

Have a look what the booklet for
YUV(160.0590, 24.6209, 83.2633)
contains.

YUV(160.0590, 24.6209, 83.2633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.0590, 24.6209,
83.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66D2
RGB	255, 102, 210
RGB Percent	100%, 40%, 82%
CMY	0.0000, 0.6000, 0.1765
CMYK	0.00, 0.60, 0.18, 0.00
HSL	318°, 100%, 70%
HSV	318°, 60%, 100%
XYZ	57.6242, 35.4159, 64.7716
YIQ	160.0590, 56.5200, 66.0240

Conversions

Conversions Part 2

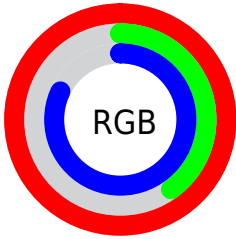
Format	Color
R _Y B	255, 102, 210
Decimal	16738002
CIE Lab	66.07, 69.43, -26.70
CIE LCh	66, 74.384, 338.962
Yxy	35.4159, 0.3651, 0.2244
Android (android.graphics.Color)	4294928082 (0xFFFF66D2)
YUV	160.0590, 24.6209, 83.2633
Hunter-Lab	59.5112, 68.6953, -22.8729

Details

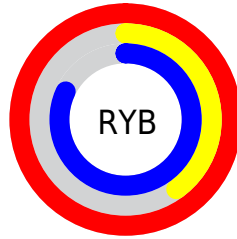
The YUV color **160.0590, 24.6209, 83.2633** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **196.9410, -24.6209, -83.2633**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **98.2810, 27.9625, 84.8226** is the 20% darker color. If you saturate the color by 10%, you get **144.5860, 28.7981, 96.8331**, and if you desaturate by 10%, it is **176.2330, 20.5911, 69.0787**.

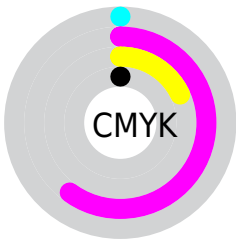
Distribution



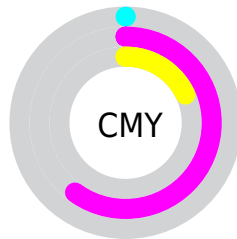
- Red (100%)
- Green (40%)
- Blue (82%)



- Red (100%)
- Yellow (40%)
- Blue (82%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.0590, 24.6209, 83.2633 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 160.0590, 24.6209, 83.2633 by changing the saturation by 10% instead.


 160.0590, 24.6209,
83.2633


 160.0590, 24.6209,
83.2633


255.0000, 0.0000,
0.0000


 130.2870, 25.4945,
83.0633


 199.2350, 27.4921,
48.9059


 98.2810, 27.9625,
84.8226


 216.2580, 19.0998,
33.9767


 64.3400, 31.8774,
89.1558

 233.8680, 10.4181,
18.5328

 52.8190, 25.2322,
73.8267

 250.8910, 2.0257,
3.6036

 41.2980, 18.5871,
58.4977

 30.3040, 12.6681,
43.5834

 20.0220, 6.8912,

29.7987

■ 6.4790, 0.2569,
10.9809

■ 0.0000, 0.0000,
0.0000

■ 160.0590, 24.6209,
83.2633

■ 160.0590, 24.6209,
83.2633

■ 144.5860, 28.7981,
96.8331

■ 176.2330, 20.5911,
69.0787

■ 128.4120, 32.8279,
111.0177

■ 191.7060, 16.4139,
55.5088

■ 112.3520, 37.2945,
125.1023

■ 207.8800, 12.3842,
41.3242

■ 96.7650, 41.0349,
138.7721

■ 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.



163.3530, 45.1820, 21.6154



160.0590, 24.6209, 83.2633



145.3770, -1.1719, 96.1394

Triad

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



160.0590, 24.6209, 83.2633



148.2940, -73.1089, 22.5442



138.6450, 51.4470, -121.5917

Complementary

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



160.0590, 24.6209, 83.2633



196.9410, -24.6209, -83.2633

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



160.0590, 24.6209, 83.2633



140.4620, -48.0488, -35.4852

Square

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



160.0590, 24.6209, 83.2633



152.3610, -67.7190, 67.2124



122.8960, -6.3577, -107.7798



135.3170, 59.0037, -118.6730

Rectangle

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



160.0590, 24.6209, 83.2633



146.9320, -23.1375, 94.7756



122.8960, -6.3577, -107.7798



137.6530, 42.5691, -120.7217

Sweetspot

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



160.0590, 24.6209, 83.2633



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.



160.0590, 24.6209, 83.2633



140.8360, 29.6609, 100.1218



151.5090, -8.1389, 90.7616



119.9130, 2.0149, 7.0923



72.4990, 30.8130, 103.9254



24.2660, 10.2219, 34.8467

Inverse Universe

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



160.0590, 24.6209, 83.2633



140.8360, 29.6609, 100.1218



205.4910, 8.1389, -90.7616



119.9130, 2.0149, 7.0923



72.4990, 30.8130, 103.9254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 160.0590, 24.6209, 83.2633 looks on a white background.

Color Contrast Check

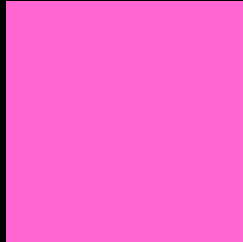
Large Text (above 18pt) WCAG AA × Fail

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 160.0590, 24.6209, 83.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

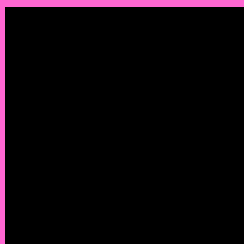
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.0590, 24.6209, 83.2633

Background



This preview shows how black text looks on a background with the YUV color 160.0590, 24.6209, 83.2633.



This preview shows how white text looks on a background with the YUV color 160.0590, 24.6209, 83.2633.

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

160.0590, 24.6209, 83.2633

Protanopia

159.0770, 46.7970, -29.8855

Deuteranopia

162.3040, 19.0771, -5.5286



Tritanopia

160.2870, -14.9315, 76.0473

Trichromacy



Original Color

160.0590, 24.6209, 83.2633



Protanomaly

159.5660, 38.6680, 10.9046



Deuteranomaly

161.6700, 20.8687, 26.5994



Tritanomaly

160.3810, -0.6808, 78.5959

Monochromacy



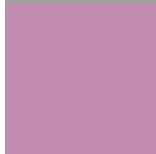
Original Color

160.0590, 24.6209, 83.2633



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1900, 8.7803, 30.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0590, 24.6209, 83.2633 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 210) }
```

Border

The CSS property to change the border of an element to YUV 160.0590, 24.6209, 83.2633 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, 210) }
```


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

```
.border{ border-color:rgb(255, 102, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 160.0590, 24.6209, 83.2633 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
102, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor