

Converting Colors

YUV(161.7520, 33.6463,
81.7785)

Have a look what the booklet for
YUV(161.7520, 33.6463, 81.7785)
contains.

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Color

**YUV(161.7520, 33.6463,
81.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	FF65E6
RGB	255, 101, 230
RGB Percent	100%, 40%, 90%
CMY	0.0000, 0.6039, 0.0980
CMYK	0.00, 0.60, 0.10, 0.00
HSL	310°, 100%, 70%
HSV	310°, 60%, 100%
XYZ	60.1766, 36.2805, 78.6941
YIQ	161.7520, 50.3750, 72.7670

Conversions

Conversions Part 2

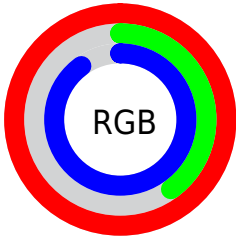
Format	Color
R_{YB}	255, 101, 230
Decimal	16737766
CIE _{Lab}	66.73, 72.73, -36.84
CIE _{LCh}	67, 81.526, 333.136
Yxy	36.2805, 0.3436, 0.2071
Android (android.graphics.Color)	4294927846 (0xFFFF65E6)
YUV	161.7520, 33.6463, 81.7785
Hunter-Lab	60.2333, 72.9236, -35.2983

Details

The YUV color **161.7520, 33.6463, 81.7785** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **194.2480, -33.6463, -81.7785**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **98.0990, 37.4192, 84.9822** is the 20% darker color. If you saturate the color by 10%, you get **146.0340, 39.4232, 95.5632**, and if you desaturate by 10%, it is **176.8830, 28.1587, 68.5086**.

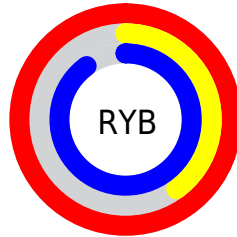
Distribution



Red (100%)

Green (40%)

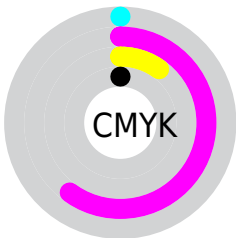
Blue (90%)



Red (100%)

Yellow (40%)

Blue (90%)

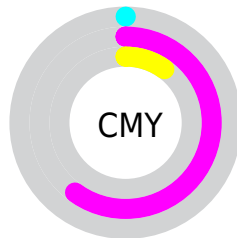


Cyan (0%)

Magenta (60%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.7520, 33.6463, 81.7785 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 161.7520, 33.6463, 81.7785 by changing the saturation by 10% instead.


 161.7520, 33.6463,
81.7785


 161.7520, 33.6463,
81.7785


255.0000, 0.0000,
0.0000


 131.3930, 34.8093,
82.0933


 198.6480, 27.7815,
49.4207


 98.0990, 37.4192,
84.9822


 216.2580, 19.0998,
33.9767


 66.3920, 39.7397,
87.3562

 233.2810, 10.7075,
19.0476

 54.7570, 32.6578,
72.1271

 250.8910, 2.0257,
3.6036

 43.2360, 26.0127,
56.7980

 32.3130, 19.0727,
42.6985

 21.6180, 13.0063,

28.3990

■ 9.2430, 8.2612,
10.3109

■ 0.0000, 0.0000,
0.0000

■ 161.7520, 33.6463,
81.7785

■ 161.7520, 33.6463,
81.7785

■ 146.0340, 39.4232,
95.5632

■ 176.8830, 28.1587,
68.5086

■ 130.9030, 44.9108,
108.8331

■ 192.6010, 22.3817,
54.7239

■ 115.1850, 50.6878,
122.6178

■ 208.3190, 16.6047,
40.9392

■ 100.6410, 55.8860,
135.3728

■ 223.5640, 11.5539,
27.5694

238.6950, 6.0664,
14.2995

254.4130, 0.2894,
0.5148

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.



161.1940, 46.2464, 6.8459



161.7520, 33.6463, 81.7785



140.0430, 8.8528, 100.8173

Triad

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



161.7520, 33.6463, 81.7785



151.3060, -74.5939, 32.1806



141.3520, 49.1265, -123.9657

Complementary

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



161.7520, 33.6463, 81.7785



194.2480, -33.6463, -81.7785

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.



133.6170, 16.9508, -117.1821



161.7520, 33.6463, 81.7785



139.1480, -68.6000, -23.8088

Square

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



161.7520, 33.6463, 81.7785



151.9670, -73.4407, 82.4669



122.6050, -15.0883, -107.5246



138.8390, 57.2674, -121.7618

Rectangle

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



161.7520, 33.6463, 81.7785



139.8540, -14.7180, 100.9830



122.6050, -15.0883, -107.5246



139.3170, 38.7907, -122.1810

Sweetspot

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



161.7520, 33.6463, 81.7785



227.2000, 10.2544, 24.3806



125.4330, 63.8765, -1.2567



110.4070, 6.2083, 15.4291



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.



161.7520, 33.6463, 81.7785



143.5720, 40.1440, 97.7224



153.2020, 0.8864, 89.2768



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Inverse Universe

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



161.7520, 33.6463, 81.7785



143.5720, 40.1440, 97.7224



202.7980, -0.8864, -89.2768



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 161.7520, 33.6463, 81.7785 looks on a white background.

Color Contrast Check

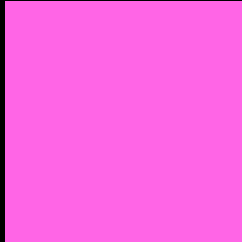
Large Text (above 18pt) WCAG AA × Fail

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 161.7520, 33.6463, 81.7785 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 161.7520, 33.6463, 81.7785

Background



This preview shows how black text looks on a background with the YUV color 161.7520, 33.6463, 81.7785.



This preview shows how white text looks on a background with the YUV color 161.7520, 33.6463, 81.7785.

81.7785.

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

161.7520, 33.6463, 81.7785

Protanopia

160.6640, 46.5076, -30.4003

Deuteranopia

162.6540, 28.2716, -14.6056



Tritanopia

162.6070, -13.6103, 72.2587

Trichromacy



Original Color

161.7520, 33.6463, 81.7785



Protanomaly

161.3640, 41.7255, 10.2048



Deuteranomaly

162.7430, 30.1997, 20.3964



Tritanomaly

162.5100, 3.6926, 75.8517

Monochromacy



Original Color

161.7520, 33.6463, 81.7785



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.1020, 12.2747, 29.7285

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7520, 33.6463, 81.7785 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, 101, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 230)  
}
```

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, 101, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 230) }
```

Border

The CSS property to change the border of an element to YUV 161.7520, 33.6463, 81.7785 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, 101, 230) }
```


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

```
.border{ border-color:rgb(255, 101, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 161.7520, 33.6463, 81.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 230) }
```

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

```
.background{ background-color: rgb(255,  
101, 230) }
```

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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