

Converting Colors

YUV(178.5760, 37.1840,
67.0238)

Have a look what the booklet for
YUV(178.5760, 37.1840, 67.0238)
contains.

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Color

**YUV(178.5760, 37.1840,
67.0238)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DFE
RGB	255, 125, 254
RGB Percent	100%, 49%, 100%
CMY	0.0000, 0.5098, 0.0039
CMYK	0.00, 0.51, 0.00, 0.00
HSL	300°, 100%, 75%
HSV	300°, 51%, 100%
XYZ	66.4630, 43.0830, 98.5788
YIQ	178.5760, 36.0710, 67.6790

Conversions

Conversions Part 2

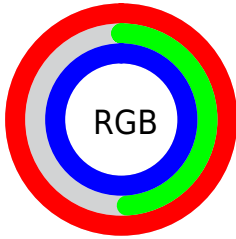
Format	Color
R _Y B	255, 125, 254
Decimal	16743934
CIE Lab	71.61, 66.16, -42.43
CIE LCh	72, 78.597, 327.330
Yxy	43.0830, 0.3193, 0.2070
Android (android.graphics.Color)	4294934014 (0xFFFF7DFE)
YUV	178.5760, 37.1840, 67.0238
Hunter-Lab	65.6376, 65.8787, -43.0992

Details

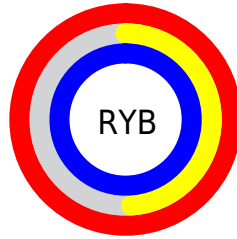
The YUV color **178.5760, 37.1840, 67.0238** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **201.4240, -37.1840, -67.0238**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **120.9780, 37.4788, 65.7943** is the 20% darker color. If you saturate the color by 10%, you get **163.9010, 44.4188, 79.8938**, and if you desaturate by 10%, it is **193.8380, 29.6599, 53.6391**.

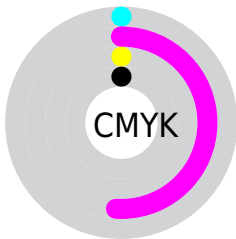
Distribution



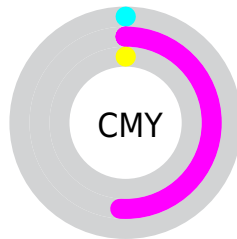
- Red (100%)
- Green (49%)
- Blue (100%)



- Red (100%)
- Yellow (49%)
- Blue (100%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.5760, 37.1840, 67.0238 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 178.5760, 37.1840, 67.0238 by changing the saturation by 10% instead.


 178.5760, 37.1840,
67.0238


 178.5760, 37.1840,
67.0238


255.0000, 0.0000,
0.0000

 149.8640, 37.0420,
65.8943


 212.1490, 21.1255,
37.5803


 120.9780, 37.4788,
65.7943


 229.1720, 12.7332,
22.6512

 89.7440, 39.0732,
67.7535

 246.7820, 4.0515,
7.2072

 57.4500, 41.6831,
70.6423

 46.1140, 34.4538,
56.0280

 35.1910, 27.5138,
41.9285

 24.9800, 20.7159,

28.9585

■ 13.6870, 14.9443,
13.4295

■ 3.0950, 9.3202,
-2.7143

■ 178.5760, 37.1840,
67.0238

■ 178.5760, 37.1840,
67.0238

■ 163.9010, 44.4188,
79.8938

■ 193.8380, 29.6599,
53.6391

■ 148.6390, 51.9430,
93.2786

■ 208.5130, 22.4251,
40.7691

■ 133.8500, 58.7410,
106.2486

■ 223.8890, 15.3377,
27.2843

■ 118.5880, 66.2651,
119.6333

■ 238.5640, 8.1029,
14.4144

■ 105.0870, 72.9211,
131.4737

253.8260, 0.5788,
1.0296

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.



170.2430, 41.7852, -8.9831



178.5760, 37.1840, 67.0238



156.6220, 13.9904, 86.2775

Triad

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



178.5760, 37.1840, 67.0238



164.0750, -80.8890, 44.6612



149.4560, 44.6382, -131.0729

Complementary

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



178.5760, 37.1840, 67.0238



201.4240, -37.1840, -67.0238

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.



141.1340, 12.7519, -123.7745



178.5760, 37.1840, 67.0238



156.9370, -68.4959, -10.4687

Square

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



178.5760, 37.1840, 67.0238



164.7120, -56.5530, 79.1826



129.1760, -17.8348, -113.2874



147.6440, 52.9265, -129.4838

Rectangle

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



178.5760, 37.1840, 67.0238



152.3240, -7.5547, 90.0469



129.1760, -17.8348, -113.2874



146.7200, 34.1550, -128.6734

Sweetspot

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



178.5760, 37.1840, 67.0238



232.6940, 10.9969, 19.5624



139.8200, 56.7837, -12.9971



114.3850, 6.2192, 11.9404



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.



178.5760, 37.1840, 67.0238



163.3140, 44.7082, 80.4086



171.2800, 9.2290, 73.4224



120.2550, 3.3253, 6.7924



78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Inverse Universe

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



178.5760, 37.1840, 67.0238



163.3140, 44.7082, 80.4086



208.7200, -9.2290, -73.4224



120.2550, 3.3253, 6.7924



78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 178.5760, 37.1840, 67.0238 looks on a white background.

Color Contrast Check

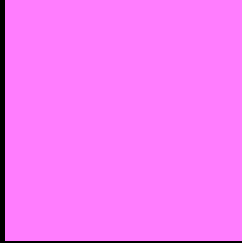
Large Text (above 18pt) WCAG AA × Fail

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 178.5760, 37.1840, 67.0238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

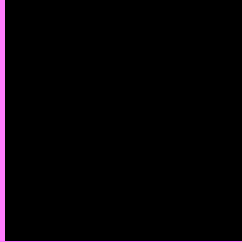
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.5760, 37.1840, 67.0238

Background



This preview shows how black text looks on a background with the YUV color 178.5760, 37.1840, 67.0238.



This preview shows how white text looks on a background with the YUV color 178.5760, 37.1840,

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

178.5760, 37.1840, 67.0238

Protanopia

174.8730, 39.5026, -23.5676

Deuteranopia

175.5160, 34.2556, -20.6235



Tritanopia

177.6590, -9.1989, 57.3041

Trichromacy



Original Color

178.5760, 37.1840, 67.0238



Protanomaly

176.5550, 38.6734, 9.1603



Deuteranomaly

176.3550, 35.3210, 11.0897



Tritanomaly

178.1490, 7.8145, 60.3823

Monochromacy



Original Color

178.5760, 37.1840, 67.0238



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7100, 13.4540, 24.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5760, 37.1840, 67.0238 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, 125, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 254)  
}
```

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, 125, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 254) }
```

Border

The CSS property to change the border of an element to YUV 178.5760, 37.1840, 67.0238 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, 125, 254) }
```


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

```
.border{ border-color:rgb(255, 125, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 178.5760, 37.1840, 67.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 254) }
```

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

```
.background{ background-color: rgb(255,  
125, 254) }
```

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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