

Converting Colors

YUV(157.4880, 7.1544, 85.5180)

Have a look what the booklet for
YUV(157.4880, 7.1544, 85.5180)
contains.

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Color

**YUV(157.4880, 7.1544,
85.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69AC
RGB	255, 105, 172
RGB Percent	100%, 41%, 67%
CMY	0.0000, 0.5882, 0.3255
CMYK	0.00, 0.59, 0.33, 0.00
HSL	333°, 100%, 71%
HSV	333°, 59%, 100%
XYZ	53.7380, 34.3417, 42.8260
YIQ	157.4880, 67.8930, 52.6370

Conversions

Conversions Part 2

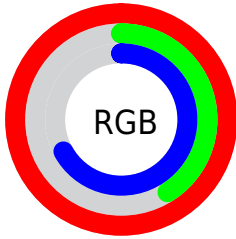
Format	Color
R _Y B	255, 105, 172
Decimal	16738732
CIE Lab	65.23, 63.30, -6.48
CIE LCh	65, 63.634, 354.155
Yxy	34.3417, 0.4105, 0.2623
Android (android.graphics.Color)	4294928812 (0xFFFF69AC)
YUV	157.4880, 7.1544, 85.5180
Hunter-Lab	58.6018, 61.1317, -2.3077

Details

The YUV color **157.4880, 7.1544, 85.5180** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.5120, -7.1544, -85.5180**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2170, 14.6830, 50.6757**, and **97.5140, 11.0856, 84.6182** is the 20% darker color. If you saturate the color by 10%, you get **141.2170, 8.2740, 99.7877**, and if you desaturate by 10%, it is **174.3460, 5.7454, 70.7336**.

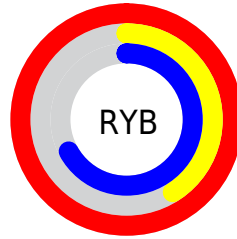
Distribution



Red (100%)

Green (41%)

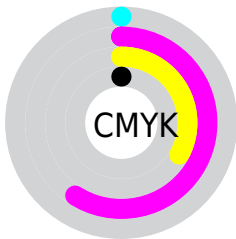
Blue (67%)



Red (100%)

Yellow (41%)

Blue (67%)

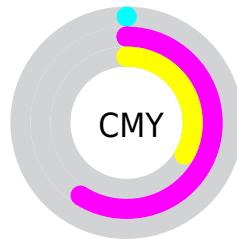


Cyan (0%)

Magenta (59%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.4880, 7.1544, 85.5180 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 157.4880, 7.1544, 85.5180 by changing the saturation by 10% instead.


 157.4880, 7.1544,
85.5180


 157.4880, 7.1544,
85.5180


255.0000, 0.0000,
0.0000


 128.1180, 8.3228,
84.0885


 197.2170, 14.6830,
50.6757


 97.5140, 11.0856,
84.6182

 217.4320, 18.5210,
32.9471


 60.1650, 17.1737,
91.9403

 234.4550, 10.1287,
18.0180

 48.8720, 11.4021,
76.4113

 252.0650, 1.4470,
2.5740

 37.5790, 5.6306,
60.8822

 26.5140, 0.7326,
45.1532

 15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,
0.0000

■ 157.4880, 7.1544,
85.5180

■ 157.4880, 7.1544,
85.5180

■ 141.2170, 8.2740,
99.7877

■ 174.3460, 5.7454,
70.7336

■ 124.3590, 9.6830,
114.5722

■ 190.6170, 4.6258,
56.4639

■ 107.5010, 11.0920,
129.3566

■ 206.8880, 3.5062,
42.1942

■ 91.2300, 12.2116,
143.6263

■ 223.7460, 2.0972,
27.4098

■ 89.2410, 12.2062,
145.3706

■ 240.7180, 1.1250,
12.5253

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.



162.8480, 31.1339, 47.4913



157.4880, 7.1544, 85.5180



152.7510, -18.6112, 89.6724

Triad

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



157.4880, 7.1544, 85.5180



146.8620, -51.2040, -3.3870



134.1600, 57.1091, -117.6583

Complementary

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



157.4880, 7.1544, 85.5180



202.5120, -7.1544, -85.5180

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.



131.7370, 35.1327, -115.5333



157.4880, 7.1544, 85.5180



135.4260, -23.3810, -60.8866

Square

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



157.4880, 7.1544, 85.5180



151.7750, -59.0491, 39.6623



125.1250, 9.7984, -109.7346



127.6860, 62.7658, -111.9806

Rectangle

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



157.4880, 7.1544, 85.5180



154.4130, -36.1926, 82.0758



125.1250, 9.7984, -109.7346



134.4390, 50.5626, -117.9030

Sweetspot

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



157.4880, 7.1544, 85.5180



225.1480, 2.3920, 26.1802



146.6180, 53.4323, 35.4150



109.1530, 1.4036, 16.5288



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.



157.4880, 7.1544, 85.5180



137.3530, 8.7000, 103.1764



154.5460, -24.4262, 88.0982



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Inverse Universe

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



157.4880, 7.1544, 85.5180



137.3530, 8.7000, 103.1764



206.0410, 24.1368, -88.6130



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 157.4880, 7.1544, 85.5180 looks on a white background.

Color Contrast Check

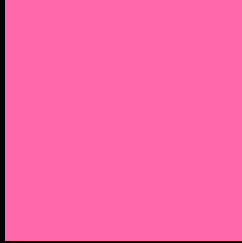
Large Text (above 18pt) WCAG AA × Fail

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 157.4880, 7.1544, 85.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

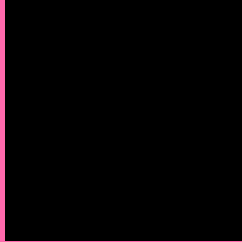
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.4880, 7.1544, 85.5180

Background



This preview shows how black text looks on a background with the YUV color 157.4880, 7.1544, 85.5180.



This preview shows how white text looks on a background with the YUV color 157.4880, 7.1544,

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

157.4880, 7.1544, 85.5180

Protanopia

159.2970, 23.0246, -11.6615

Deuteranopia

160.2230, 1.8621, 9.4514



Tritanopia

156.5760, -16.5530, 82.8098

Trichromacy



Original Color

157.4880, 7.1544, 85.5180



Protanomaly

158.7360, 17.3852, 23.9105



Deuteranomaly

159.2680, 3.8119, 37.4760



Tritanomaly

156.5790, -7.6804, 83.6842

Monochromacy



Original Color

157.4880, 7.1544, 85.5180



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1810, 2.3758, 31.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4880, 7.1544, 85.5180 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, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 172)  
}
```

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, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 172) }
```

Border

The CSS property to change the border of an element to YUV 157.4880, 7.1544, 85.5180 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, 105, 172) }
```


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

```
.border{ border-color:rgb(255, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 157.4880, 7.1544, 85.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 172) }
```

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

```
.background{ background-color: rgb(255,  
105, 172) }
```

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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