

Converting Colors

YUV(155.9380, 11.3696,
86.8774)

Have a look what the booklet for
YUV(155.9380, 11.3696, 86.8774)
contains.

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Color

**YUV(155.9380, 11.3696,
86.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	FF65B3
RGB	255, 101, 179
RGB Percent	100%, 40%, 70%
CMY	0.0000, 0.6039, 0.2980
CMYK	0.00, 0.60, 0.30, 0.00
HSL	330°, 100%, 70%
HSV	330°, 60%, 100%
XYZ	54.0304, 33.8220, 46.3284
YIQ	155.9380, 66.7460, 56.9060

Conversions

Conversions Part 2

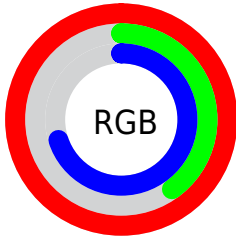
Format	Color
R _Y B	255, 101, 179
Decimal	16737715
CIE Lab	64.82, 65.83, -11.08
CIE LCh	65, 66.753, 350.445
Yxy	33.8220, 0.4027, 0.2521
Android (android.graphics.Color)	4294927795 (0xFFFF65B3)
YUV	155.9380, 11.3696, 86.8774
Hunter-Lab	58.1567, 64.0608, -6.5215

Details

The YUV color **155.9380, 11.3696, 86.8774** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.0620, -11.3696, -86.8774**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7810, 19.3350, 51.9351**, and **94.6760, 15.4427, 87.1071** is the 20% darker color. If you saturate the color by 10%, you get **139.1940, 13.2154, 101.5619**, and if you desaturate by 10%, it is **172.0950, 9.8132, 72.7077**.

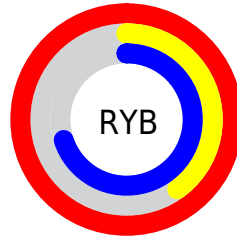
Distribution



Red (100%)

Green (40%)

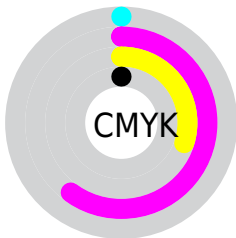
Blue (70%)



Red (100%)

Yellow (40%)

Blue (70%)

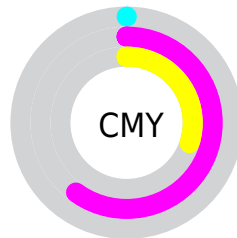


Cyan (0%)

Magenta (60%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (60%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.9380, 11.3696, 86.8774 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 155.9380, 11.3696, 86.8774 by changing the saturation by 10% instead.


 155.9380, 11.3696,
86.8774


 155.9380, 11.3696,
86.8774


255.0000, 0.0000,
0.0000


 125.9810, 12.8274,
85.9627


 195.7810, 19.3350,
51.9351


 94.6760, 15.4427,
87.1071


 215.0840, 19.6786,
35.0063


 60.8490, 19.7944,
91.3404

 232.6940, 10.9969,
19.5624

 49.4420, 13.5861,
75.9114

 249.7170, 2.6045,
4.6332

 38.2630, 8.2513,
60.2823

 27.3830, 2.7692,
45.2681

 16.3460, -4.6076,

31.2686

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 155.9380, 11.3696,
86.8774

■ 155.9380, 11.3696,
86.8774

■ 139.1940, 13.2154,
101.5619

■ 172.0950, 9.8132,
72.7077

■ 123.1510, 15.2086,
115.6316

■ 188.7250, 7.5306,
58.1232

■ 106.4070, 17.0543,
130.3161

■ 205.4690, 5.6848,
43.4387

■ 90.9510, 18.7582,
143.8710

■ 221.5120, 3.6916,
29.3690

237.6690, 2.1352,
15.1993

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.



161.6670, 35.6602, 42.3880



155.9380, 11.3696, 86.8774



149.6850, -15.1277, 92.3613

Triad

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



155.9380, 11.3696, 86.8774



145.3590, -58.3510, 2.3162



134.5190, 55.9461, -117.9732

Complementary

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



155.9380, 11.3696, 86.8774



200.0620, -11.3696, -86.8774

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.



131.0530, 32.5119, -114.9335



155.9380, 11.3696, 86.8774



134.3790, -28.7808, -55.5834

Square

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



155.9380, 11.3696, 86.8774



150.0810, -63.1439, 46.4100



123.3980, 5.7198, -108.2200



128.8600, 62.1870, -113.0102

Rectangle

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



155.9380, 11.3696, 86.8774



152.7990, -34.9039, 88.7533



123.3980, 5.7198, -108.2200



133.9830, 48.8154, -117.5031

Sweetspot

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



155.9380, 11.3696, 86.8774



225.3760, 3.2656, 25.9802



140.6820, 56.3588, 30.0969



109.3810, 2.2772, 16.3289



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.



155.9380, 11.3696, 86.8774



136.6180, 13.4993, 103.8210



147.3880, -21.3903, 94.3757



119.5710, 0.7045, 7.3922



68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Inverse Universe

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



155.9380, 11.3696, 86.8774



136.6180, 13.4993, 103.8210



208.6120, 21.3903, -94.3757



119.5710, 0.7045, 7.3922



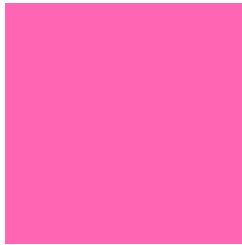
68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 155.9380, 11.3696, 86.8774 looks on a white background.

Color Contrast Check

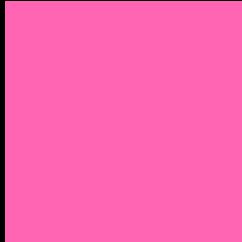
Large Text (above 18pt) WCAG AA × Fail

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 155.9380, 11.3696, 86.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

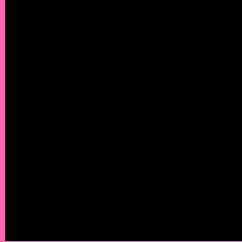
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.9380, 11.3696, 86.8774

Background



This preview shows how black text looks on a background with the YUV color 155.9380, 11.3696, 86.8774.



This preview shows how white text looks on a background with the YUV color 155.9380, 11.3696, 86.8774.

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

155.9380, 11.3696, 86.8774

Protanopia

158.0560, 28.5664, -15.8351

Deuteranopia

159.2380, 5.7987, 6.8073



Tritanopia

155.5760, -16.5530, 82.8098

Trichromacy



Original Color

155.9380, 11.3696, 86.8774



Protanomaly

157.3920, 22.4847, 21.5812



Deuteranomaly

157.9950, 7.8905, 35.9614



Tritanomaly

155.6330, -6.2281, 84.5139

Monochromacy



Original Color

155.9380, 11.3696, 86.8774



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.9360, 3.9756, 31.6281

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9380, 11.3696, 86.8774 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 179) }
```

Border

The CSS property to change the border of an element to YUV 155.9380, 11.3696, 86.8774 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, 179) }
```


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

```
.border{ border-color:rgb(255, 101, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 101, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 101, 179); box-shadow:4px 4px 4px 4px rgb(255, 101, 179) }
```

Background

The CSS property to change the background color of an element to YUV 155.9380, 11.3696, 86.8774 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
101, 179) }
```

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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