

Converting Colors

YUV(153.6580, 2.6336, 88.8769)

Have a look what the booklet for
YUV(153.6580, 2.6336, 88.8769)
contains.

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Color

**YUV(153.6580, 2.6336,
88.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	FF659F
RGB	255, 101, 159
RGB Percent	100%, 40%, 62%
CMY	0.0000, 0.6039, 0.3765
CMYK	0.00, 0.60, 0.38, 0.00
HSL	337°, 100%, 70%
HSV	337°, 60%, 100%
XYZ	52.1517, 33.0706, 36.4354
YIQ	153.6580, 73.1660, 50.6860

Conversions

Conversions Part 2

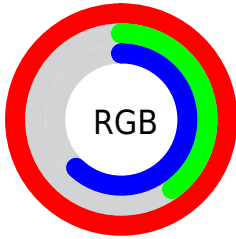
Format	Color
R _Y B	255, 101, 159
Decimal	16737695
CIE Lab	64.22, 63.57, -0.54
CIE LCh	64, 63.571, 359.509
Yxy	33.0706, 0.4287, 0.2718
Android (android.graphics.Color)	4294927775 (0xFFFF659F)
YUV	153.6580, 2.6336, 88.8769
Hunter-Lab	57.5070, 61.2400, 2.6898

Details

The YUV color **153.6580, 2.6336, 88.8769** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.3420, -2.6336, -88.8769**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3870, 10.1622, 54.0346**, and **93.2110, 7.2910, 88.3920** is the 20% darker color. If you saturate the color by 10%, you get **136.5720, 3.1690, 103.8614**, and if you desaturate by 10%, it is **170.1570, 2.3876, 74.4073**.

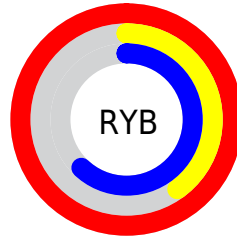
Distribution



Red (100%)

Green (40%)

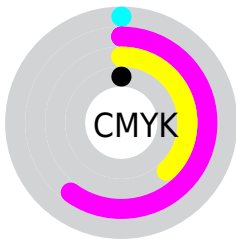
Blue (62%)



Red (100%)

Yellow (40%)

Blue (62%)

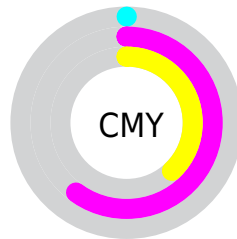


Cyan (0%)

Magenta (60%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.6580, 2.6336, 88.8769 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 153.6580, 2.6336, 88.8769 by changing the saturation by 10% instead.


 153.6580, 2.6336,
88.8769


 153.6580, 2.6336,
88.8769


255.0000, 0.0000,
0.0000


 124.4020, 4.2388,
87.3474


 193.3870, 10.1622,
54.0346


 93.2110, 7.2910,
88.3920


 213.6020, 14.0002,
36.3060


 58.6120, 12.5163,
92.4253

 232.1070, 11.2862,
20.0772

 47.3190, 6.7447,
76.8962

 249.7170, 2.6045,
4.6332

 35.8410, 1.5574,
60.6524

 25.0750, -3.4880,
45.5382

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 153.6580, 2.6336,
88.8769

■ 153.6580, 2.6336,
88.8769

■ 136.5720, 3.1690,
103.8614

■ 170.1570, 2.3876,
74.4073

■ 120.0730, 3.4150,
118.3310

■ 187.2430, 1.8522,
59.4229

■ 102.9870, 3.9504,
133.3154

■ 204.3290, 1.3168,
44.4385

■ 87.1890, 4.3438,
147.1702

■ 220.8280, 1.0708,
29.9688

■ 237.2130, 0.3880,
15.5992

254.2990, -0.1474,
0.6148

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.



159.1650, 27.0337, 55.9833



153.6580, 2.6336, 88.8769



151.9700, -24.1422, 90.3573

Triad

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



153.6580, 2.6336, 88.8769



143.1320, -47.3931, -12.3938



132.1540, 59.5771, -115.8991

Complementary

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



153.6580, 2.6336, 88.8769



202.3420, -2.6336, -88.8769

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.



130.7740, 39.0584, -114.6888



153.6580, 2.6336, 88.8769



126.0800, -15.3224, -79.0002

Square

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



153.6580, 2.6336, 88.8769



148.0900, -60.1904, 32.3701



124.2760, 14.1609, -108.9901



124.1640, 64.5021, -108.8918

Rectangle

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



153.6580, 2.6336, 88.8769



151.9410, -40.3969, 77.2277



124.2760, 14.1609, -108.9901



132.5470, 53.4673, -116.2437

Sweetspot

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



153.6580, 2.6336, 88.8769



224.6920, 0.6448, 26.5801



146.9610, 53.2632, 43.0072



108.9250, 0.5300, 16.7288



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.



153.6580, 2.6336, 88.8769



133.9960, 3.4530, 106.1205



157.6120, -27.9097, 85.4093



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Inverse Universe

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



153.6580, 2.6336, 88.8769



133.9960, 3.4530, 106.1205



198.3880, 27.9097, -85.4093



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 153.6580, 2.6336, 88.8769 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 153.6580, 2.6336, 88.8769 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 153.6580, 2.6336, 88.8769

Background



This preview shows how black text looks on a background with the YUV color 153.6580, 2.6336, 88.8769.



This preview shows how white text looks on a background with the YUV color 153.6580, 2.6336,

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

153.6580, 2.6336, 88.8769

Protanopia

156.8260, 17.3408, -8.6174

Deuteranopia

157.5780, -3.2430, 13.5251



Tritanopia

153.2560, -17.8742, 86.5985

Trichromacy



Original Color

153.6580, 2.6336, 88.8769



Protanomaly

155.3790, 12.1382, 26.8546



Deuteranomaly

156.3240, -1.1457, 40.9349



Tritanomaly

153.5040, -10.6015, 87.2580

Monochromacy



Original Color

153.6580, 2.6336, 88.8769



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.1380, 0.9180, 32.3280

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6580, 2.6336, 88.8769 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 159) }
```

Border

The CSS property to change the border of an element to YUV 153.6580, 2.6336, 88.8769 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, 159) }
```


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

```
.border{ border-color:rgb(255, 101, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 153.6580, 2.6336, 88.8769 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
101, 159) }
```

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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