

Converting Colors

YUV(155.6660, 10.5177,
80.0999)

Have a look what the booklet for
YUV(155.6660, 10.5177, 80.0999)
contains.

YUV(155.6660, 10.5177, 80.0999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.6660, 10.5177,
80.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	F769B1
RGB	247, 105, 177
RGB Percent	97%, 41%, 69%
CMY	0.0314, 0.5882, 0.3059
CMYK	0.00, 0.57, 0.28, 0.03
HSL	330°, 90%, 69%
HSV	330°, 57%, 97%
XYZ	51.3452, 33.0516, 45.2684
YIQ	155.6660, 61.5200, 52.4960

Conversions

Conversions Part 2

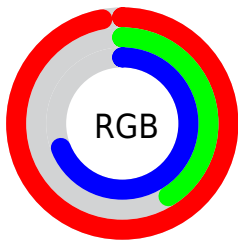
Format	Color
R_{YB}	247, 105, 177
Decimal	16214449
CIE _{Lab}	64.20, 61.51, -10.99
CIE _{LCh}	64, 62.488, 349.870
Yxy	33.0516, 0.3960, 0.2549
Android (android.graphics.Color)	4294404529 (0xFFFF769B1)
YUV	155.6660, 10.5177, 80.0999
Hunter-Lab	57.4905, 58.8110, -6.4419

Details

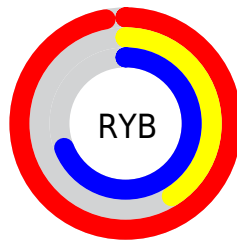
The YUV color **155.6660, 10.5177, 80.0999** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **196.3340, -10.5177, -80.0999**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9010, 17.3038, 50.0758**, and **97.0510, 13.2859, 78.8853** is the 20% darker color. If you saturate the color by 10%, you get **139.6230, 12.5109, 94.1696**, and if you desaturate by 10%, it is **171.7090, 8.5245, 66.0302**.

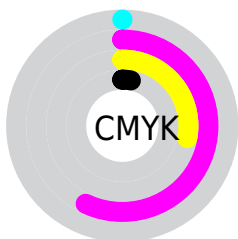
Distribution



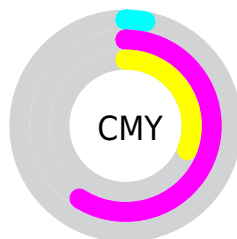
- Red (97%)
- Green (41%)
- Blue (69%)



- Red (97%)
- Yellow (41%)
- Blue (69%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (3%)




- Cyan (3%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.6660, 10.5177, 80.0999 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 155.6660, 10.5177, 80.0999 by changing the saturation by 10% instead.


 155.6660, 10.5177,
80.0999


 155.6660, 10.5177,
80.0999


255.0000, 0.0000,
0.0000


 126.5950, 11.5387,
79.2852


 197.9010, 17.3038,
50.0758


 97.0510, 13.2859,
78.8853


 216.8450, 18.8104,
33.4619

 58.5280, 19.9527,
87.2369

 233.8680, 10.4181,
18.5328

 47.2350, 14.1811,
71.7079

 251.4780, 1.7363,
3.0888

 36.2410, 8.2622,
56.7936

 25.4750, 3.2168,
41.6794

 14.5090, -5.1809,

28.4946

■ 0.0000, 0.0000,
0.0000

■ 155.6660, 10.5177,
80.0999

■ 155.6660, 10.5177,
80.0999

■ 139.6230, 12.5109,
94.1696

■ 171.7090, 8.5245,
66.0302

■ 124.1670, 14.2147,
107.7245

■ 187.1650, 6.8207,
52.4753

■ 108.0100, 15.7711,
121.8942

■ 203.3220, 5.2643,
38.3056

■ 91.9670, 17.7643,
135.9639

■ 219.3650, 3.2711,
24.2359

■ 88.1030, 18.1902,
139.3527

■ 235.4080, 1.2779,
10.1662

250.8640, -0.4260,
-3.3887

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.3630, 33.3450, 38.2696



155.6660, 10.5177, 80.0999



151.6740, -15.1223, 90.6169

Triad

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



155.6660, 10.5177, 80.0999



145.1510, -52.8254, 3.3756



131.8460, 53.3199, -115.6289

Complementary

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



155.6660, 10.5177, 80.0999



196.3340, -10.5177, -80.0999

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.



128.7220, 31.1961, -112.8892



155.6660, 10.5177, 80.0999



135.6510, -27.9289, -48.8059

Square

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



155.6660, 10.5177, 80.0999



149.4920, -56.4446, 44.2955



121.5230, 6.1512, -106.5757



127.0990, 63.0552, -111.4658

Rectangle

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



155.6660, 10.5177, 80.0999



151.8630, -31.9775, 83.4351



121.5230, 6.1512, -106.5757



131.4240, 46.6260, -115.2588

Sweetspot

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



155.6660, 10.5177, 80.0999



227.3650, 3.2711, 24.2359



141.8190, 51.8542, 28.2227



111.2560, 1.8458, 14.6845



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.



155.6660, 10.5177, 80.0999



141.7700, 12.9314, 99.3027



147.6860, -20.0582, 87.0984



114.2720, 0.8519, 6.7775



66.3300, 13.6413, 104.9506



21.0610, 4.4069, 33.2725

Inverse Universe

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



155.6660, 10.5177, 80.0999



141.7700, 12.9314, 99.3027



204.3140, 20.0582, -87.0984



114.2720, 0.8519, 6.7775



66.3300, 13.6413, 104.9506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 155.6660, 10.5177, 80.0999 looks on a white background.

Color Contrast Check

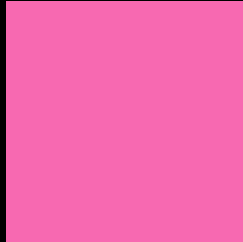
Large Text (above 18pt) WCAG AA × Fail

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 155.6660, 10.5177, 80.0999 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 155.6660, 10.5177, 80.0999

Background



This preview shows how black text looks on a background with the YUV color 155.6660, 10.5177, 80.0999.



This preview shows how white text looks on a background with the YUV color 155.6660, 10.5177,

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

155.6660, 10.5177, 80.0999

Protanopia

156.1980, 26.5244, -14.2056

Deuteranopia

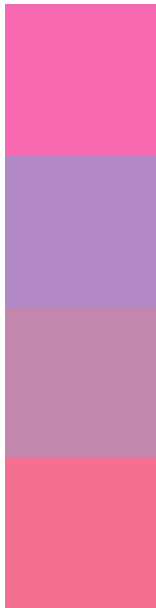
157.9390, 5.9461, 6.1925



Tritanopia

154.7000, -14.6421, 76.5621

Trichromacy



Original Color

155.6660, 10.5177, 80.0999

Protanomaly

155.9250, 20.7430, 20.2368

Deuteranomaly

157.2720, 7.7539, 33.0875

Tritanomaly

155.1160, -5.4802, 77.9513

Monochromacy



Original Color

155.6660, 10.5177, 80.0999

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.6260, 4.1284, 29.2690

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6660, 10.5177, 80.0999 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(247, 105, 177)` looks like.

```
.text, #text, p{  
    color:rgb(247, 105, 177)  
}
```

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(247, 105, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 105, 177) }
```

Border

The CSS property to change the border of an element to YUV 155.6660, 10.5177, 80.0999 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(247, 105, 177) }
```


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

```
.border{ border-color:rgb(247, 105, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 105, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 105, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 105, 177);  
box-shadow:4px 4px 4px 4px rgb(247, 105,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 155.6660, 10.5177, 80.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 105, 177) }
```

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

```
.background{ background-color: rgb(247,  
105, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor