

Converting Colors

YUV(159.6550, 10.5231,
78.3556)

Have a look what the booklet for
YUV(159.6550, 10.5231, 78.3556)
contains.

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Color

**YUV(159.6550, 10.5231,
78.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	F96EB5
RGB	249, 110, 181
RGB Percent	98%, 43%, 71%
CMY	0.0235, 0.5686, 0.2902
CMYK	0.00, 0.56, 0.27, 0.02
HSL	329°, 92%, 70%
HSV	329°, 56%, 98%
XYZ	52.9833, 34.6278, 47.6074
YIQ	159.6550, 60.0530, 51.5490

Conversions

Conversions Part 2

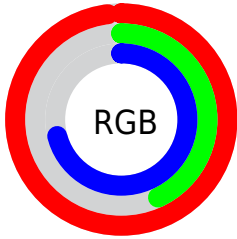
Format	Color
R _Y B	249, 110, 181
Decimal	16346805
CIE Lab	65.46, 60.39, -11.35
CIE LCh	65, 61.447, 349.352
Yxy	34.6278, 0.3918, 0.2561
Android (android.graphics.Color)	4294536885 (0xFFFF96EB5)
YUV	159.6550, 10.5231, 78.3556
Hunter-Lab	58.8454, 57.7388, -6.7753

Details

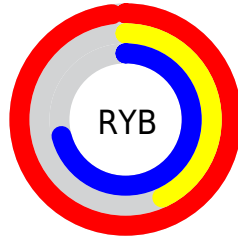
The YUV color **159.6550, 10.5231, 78.3556** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.3450, -10.5231, -78.3556**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7050, 17.8934, 47.6167**, and **101.6270, 13.0019, 76.6261** is the 20% darker color. If you saturate the color by 10%, you get **143.6120, 12.5163, 92.4253**, and if you desaturate by 10%, it is **175.6980, 8.5299, 64.2859**.

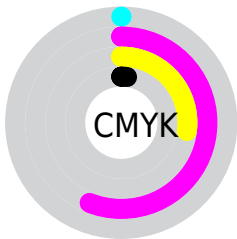
Distribution



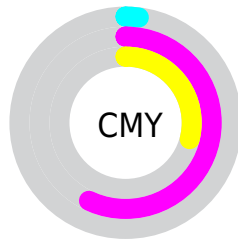
- Red (98%)
- Green (43%)
- Blue (71%)



- Red (98%)
- Yellow (43%)
- Blue (71%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (2%)




- Cyan (2%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.6550, 10.5231, 78.3556 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 159.6550, 10.5231, 78.3556 by changing the saturation by 10% instead.


 159.6550, 10.5231,
78.3556


 159.6550, 10.5231,
78.3556


255.0000, 0.0000,
0.0000


 131.1710, 11.2547,
77.0260


 200.7050, 17.8934,
47.6167

 101.6270, 13.0019,
76.6261


 219.7800, 17.3635,
30.8879


 67.2130, 17.6430,
81.3742

 236.8030, 8.9711,
15.9588

 48.1750, 15.1967,
72.6375

254.4130, 0.2894,
0.5148

 37.1810, 9.2778,
57.7233

 26.4150, 4.2324,
42.6090

 16.0900, -3.0024,

29.7391

■ 0.0000, 0.0000,
0.0000

■ 159.6550, 10.5231,
78.3556

■ 159.6550, 10.5231,
78.3556

■ 143.6120, 12.5163,
92.4253

■ 175.6980, 8.5299,
64.2859

■ 127.5690, 14.5095,
106.4950

■ 191.7410, 6.5367,
50.2161

■ 111.4120, 16.0659,
120.6647

■ 207.8980, 4.9803,
36.0465

■ 95.3690, 18.0591,
134.7344

■ 223.9410, 2.9871,
21.9767

■ 88.9290, 18.7690,
140.3823

■ 239.9840, 0.9939,
7.9070

253.0920, 0.4476,
-3.5887

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



163.6510, 33.2031, 37.1401



159.6550, 10.5231, 78.3556



155.1790, -14.3852, 87.5430

Triad

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



159.6550, 10.5231, 78.3556



149.0910, -51.8099, 4.3052



133.8350, 53.3253, -117.3733

Complementary

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



159.6550, 10.5231, 78.3556



199.3450, -10.5231, -78.3556

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.



130.7110, 31.2015, -114.6335



159.6550, 10.5231, 78.3556



139.9610, -28.0818, -46.4468

Square

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



159.6550, 10.5231, 78.3556



153.2470, -54.8448, 44.5104



123.6260, 6.5934, -108.4200



129.4470, 61.8976, -113.5250

Rectangle

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



159.6550, 10.5231, 78.3556



155.6780, -31.3933, 82.7204



123.6260, 6.5934, -108.4200



133.2990, 46.1946, -116.9032

Sweetspot

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



159.6550, 10.5231, 78.3556



227.3650, 3.2711, 24.2359



145.8790, 50.8387, 27.2931



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.



159.6550, 10.5231, 78.3556



145.0470, 12.7948, 96.4288



151.7890, -19.6160, 85.2540



116.6850, 1.1413, 7.2923



67.4550, 14.0727, 106.5950



21.7730, 4.5489, 34.4021

Inverse Universe

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



159.6550, 10.5231, 78.3556



145.0470, 12.7948, 96.4288



207.2110, 19.6160, -85.2540



116.6850, 1.1413, 7.2923



67.4550, 14.0727, 106.5950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 159.6550, 10.5231, 78.3556 looks on a white background.

Color Contrast Check

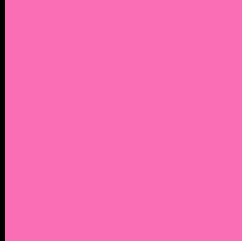
Large Text (above 18pt) WCAG AA × Fail

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 159.6550, 10.5231, 78.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

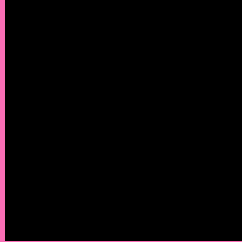
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6550, 10.5231, 78.3556

Background



This preview shows how black text looks on a background with the YUV color 159.6550, 10.5231, 78.3556.



This preview shows how white text looks on a background with the YUV color 159.6550, 10.5231,

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

159.6550, 10.5231, 78.3556

Protanopia

159.4970, 26.3770, -13.5909

Deuteranopia

161.0530, 6.3829, 6.0925



Tritanopia

158.8030, -14.1999, 74.7178

Trichromacy



Original Color

159.6550, 10.5231, 78.3556



Protanomaly

159.5120, 20.4536, 19.7220



Deuteranomaly

160.6740, 8.0487, 31.8579



Tritanomaly

159.2190, -5.0380, 76.1069

Monochromacy



Original Color

159.6550, 10.5231, 78.3556



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.9140, 3.9864, 28.1394

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6550, 10.5231, 78.3556 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(249, 110, 181)` looks like.

```
.text, #text, p{  
    color:rgb(249, 110, 181)  
}
```

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(249, 110, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 110, 181) }
```

Border

The CSS property to change the border of an element to YUV 159.6550, 10.5231, 78.3556 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(249, 110, 181) }
```


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

```
.border{ border-color:rgb(249, 110, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 110, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 110, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 110, 181);  
box-shadow:4px 4px 4px 4px rgb(249, 110,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 159.6550, 10.5231, 78.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 110, 181) }
```

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

```
.background{ background-color: rgb(249,  
110, 181) }
```

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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