

Converting Colors

YUV(151.3130, 9.2127, 78.6555)

Have a look what the booklet for
YUV(151.3130, 9.2127, 78.6555)
contains.

YUV(151.3130, 9.2127, 78.6555)	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(151.3130, 9.2127,
78.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	F166AA
RGB	241, 102, 170
RGB Percent	95%, 40%, 67%
CMY	0.0549, 0.6000, 0.3333
CMYK	0.00, 0.58, 0.29, 0.05
HSL	331°, 83%, 67%
HSV	331°, 58%, 95%
XYZ	48.2827, 31.1058, 41.4894
YIQ	151.3130, 61.0160, 50.6160

Conversions

Conversions Part 2

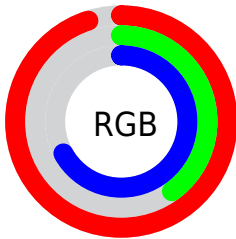
Format	Color
R _Y B	241, 102, 170
Decimal	15820458
CIE Lab	62.60, 60.17, -9.48
CIE LCh	63, 60.916, 351.043
Yxy	31.1058, 0.3994, 0.2573
Android (android.graphics.Color)	4294010538 (0xFFFF166AA)
YUV	151.3130, 9.2127, 78.6555
Hunter-Lab	55.7726, 56.9267, -5.0653

Details

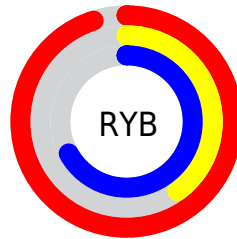
The YUV color **151.3130, 9.2127, 78.6555** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **191.6870, -9.2127, -78.6555**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6410, 14.9670, 52.9348**, and **92.8120, 12.4177, 77.3409** is the 20% darker color. If you saturate the color by 10%, you get **135.8570, 10.9165, 92.2104**, and if you desaturate by 10%, it is **166.7690, 7.5089, 65.1006**.

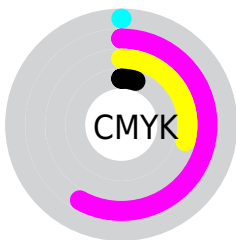
Distribution



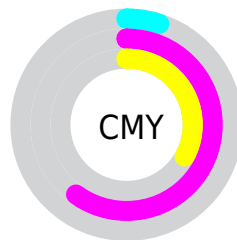
- Red (95%)
- Green (40%)
- Blue (67%)



- Red (95%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.3130, 9.2127, 78.6555 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 151.3130, 9.2127, 78.6555 by changing the saturation by 10% instead.


 151.3130, 9.2127,
78.6555


 151.3130, 9.2127,
78.6555


255.0000, 0.0000,
0.0000


 122.9430, 10.3811,
77.2260


 194.6410, 14.9670,
52.9348


 92.8120, 12.4177,
77.3409

 214.9700, 19.2418,
35.1063


 56.0500, 18.2164,
84.1482

 232.1070, 11.2862,
20.0772

 45.0560, 12.2974,
69.2339

 249.1300, 2.8939,
5.1480

 33.7630, 6.5258,
53.7048

 23.7090, 1.6225,
39.7202

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 151.3130, 9.2127,
78.6555

■ 151.3130, 9.2127,
78.6555

■ 135.8570, 10.9165,
92.2104

■ 166.7690, 7.5089,
65.1006

■ 120.2870, 12.1835,
105.8653

■ 182.3390, 6.2419,
51.4457

■ 104.8310, 13.8873,
119.4202

■ 197.7950, 4.5381,
37.8908

■ 89.3750, 15.5911,
132.9751

■ 213.2510, 2.8343,
24.3359

■ 85.5110, 16.0171,
136.3639

■ 228.8210, 1.5672,
10.6810

■ 244.8640, -0.4260,
-3.3887

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



155.6190, 31.7398, 39.7991



151.3130, 9.2127, 78.6555



148.1360, -15.8430, 88.4577

Triad

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



151.3130, 9.2127, 78.6555



141.1230, -50.3466, 1.6461



128.3410, 52.5829, -112.5551

Complementary

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



151.3130, 9.2127, 78.6555



191.6870, -9.2127, -78.6555

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.



125.4450, 31.3326, -110.0153



151.3130, 9.2127, 78.6555



131.5090, -25.8869, -50.4354

Square

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



151.3130, 9.2127, 78.6555



145.5240, -54.9813, 41.6365



118.4740, 7.1613, -103.9017



124.1640, 64.5021, -108.8918

Rectangle

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



151.3130, 9.2127, 78.6555



147.8410, -31.9666, 79.9464



118.4740, 7.1613, -103.9017



127.9190, 45.8889, -112.1850

Sweetspot

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



151.3130, 9.2127, 78.6555



227.2510, 2.8343, 24.3359



138.4770, 50.5438, 28.5227



111.1420, 1.4090, 14.7845



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.



151.3130, 9.2127, 78.6555



141.4280, 11.6210, 99.6026



143.5610, -20.4896, 85.4540



112.2720, 0.8519, 6.7775



65.2760, 12.1889, 104.1209



19.8220, 3.5388, 31.7281

Inverse Universe

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



151.3130, 9.2127, 78.6555



141.4280, 11.6210, 99.6026



199.4390, 20.4896, -85.4540



112.2720, 0.8519, 6.7775



65.2760, 12.1889, 104.1209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 151.3130, 9.2127, 78.6555 looks on a white background.

Color Contrast Check

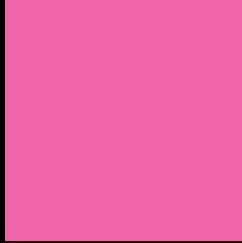
Large Text (above 18pt) WCAG AA × Fail

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 151.3130, 9.2127, 78.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

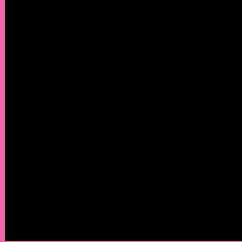
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.3130, 9.2127, 78.6555

Background



This preview shows how black text looks on a background with the YUV color 151.3130, 9.2127, 78.6555.



This preview shows how white text looks on a background with the YUV color 151.3130, 9.2127,

78.6555.

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

151.3130, 9.2127, 78.6555

Protanopia

152.0410, 24.6298, -13.1910

Deuteranopia

153.0100, 4.9251, 7.0072



Tritanopia

150.8740, -15.2209, 75.5325

Trichromacy



Original Color

151.3130, 9.2127, 78.6555



Protanomaly

152.0560, 18.7064, 20.1219



Deuteranomaly

152.6310, 6.5909, 32.7726



Tritanomaly

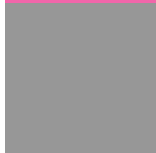
150.8770, -6.3484, 76.4069

Monochromacy



Original Color

151.3130, 9.2127, 78.6555



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0990, 3.4022, 28.8542

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3130, 9.2127, 78.6555 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(241, 102, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 102, 170)  
}
```

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(241, 102, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 102, 170) }
```

Border

The CSS property to change the border of an element to YUV 151.3130, 9.2127, 78.6555 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(241, 102, 170) }
```


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

```
.border{ border-color:rgb(241, 102, 170) }
```

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

Here you see how a box with a 4 pixel rgb(241, 102, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 102, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 102, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 102,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 151.3130, 9.2127, 78.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 102, 170) }
```

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

```
.background{ background-color: rgb(241,  
102, 170) }
```

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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