

Converting Colors

YUV(161.6310, 0.1819, 81.8846)

Have a look what the booklet for
YUV(161.6310, 0.1819, 81.8846)
contains.

YUV(161.6310, 0.1819, 81.8846)	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(161.6310, 0.1819,
81.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	FF72A2
RGB	255, 114, 162
RGB Percent	100%, 45%, 64%
CMY	0.0000, 0.5529, 0.3647
CMYK	0.00, 0.55, 0.36, 0.00
HSL	340°, 100%, 72%
HSV	340°, 55%, 100%
XYZ	53.7789, 35.9033, 38.2780
YIQ	161.6310, 68.6280, 44.8200

Conversions

Conversions Part 2

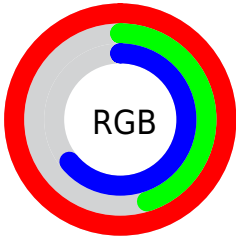
Format	Color
R _Y B	255, 114, 162
Decimal	16741026
CIE Lab	66.45, 58.18, 0.99
CIE LCh	66, 58.188, 0.979
Yxy	35.9033, 0.4203, 0.2806
Android (android.graphics.Color)	4294931106 (0xFFFF72A2)
YUV	161.6310, 0.1819, 81.8846
Hunter-Lab	59.9193, 55.3488, 4.0676

Details

The YUV color **161.6310, 0.1819, 81.8846** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **207.3690, -0.1819, -81.8846**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7730, 7.9999, 47.5571**, and **104.1190, 3.3923, 78.8256** is the 20% darker color. If you saturate the color by 10%, you get **145.0180, -0.0089, 96.4542**, and if you desaturate by 10%, it is **178.8310, 0.0833, 66.8002**.

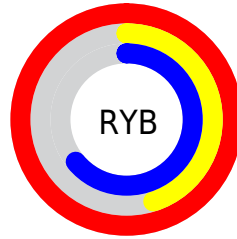
Distribution



Red (100%)

Green (45%)

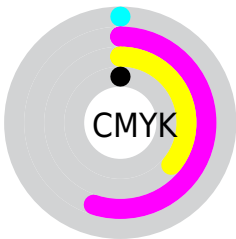
Blue (64%)



Red (100%)

Yellow (45%)

Blue (64%)

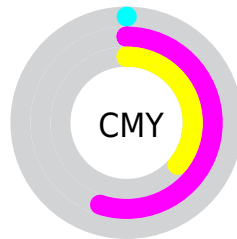


Cyan (0%)

Magenta (55%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.6310, 0.1819, 81.8846 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 161.6310, 0.1819, 81.8846 by changing the saturation by 10% instead.


 161.6310, 0.1819,
81.8846


 161.6310, 0.1819,
81.8846

255.0000, 0.0000,
0.0000


 132.9620, 1.4977,
79.8403

 200.7730, 7.9999,
47.5571


 104.1190, 3.3923,
78.8256


 220.9880, 11.8379,
29.8285

 72.0530, 6.8759,
81.5145

 239.1510, 7.8136,
13.8996

 47.8460, 7.4709,
77.3111

 36.7810, 2.5730,
61.5821

 25.7160, -2.3250,
45.8531

 15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,
0.0000

■ 161.6310, 0.1819,
81.8846

■ 161.6310, 0.1819,
81.8846

■ 145.0180, -0.0089,
96.4542

■ 178.8310, 0.0833,
66.8002

■ 127.8180, 0.0897,
111.5386

■ 195.4440, 0.2741,
52.2306

■ 110.7320, 0.6251,
126.5230

■ 212.5300, -0.2613,
37.2462

■ 94.1190, 0.4343,
141.0926

■ 229.1430, -0.0705,
22.6766

■ 86.1630, 0.4126,
148.0700

■ 246.3430, -0.1691,
7.5922

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.



166.1170, 23.1133, 53.3944



161.6310, 0.1819, 81.8846



159.6270, -23.9731, 82.7651

Triad

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



161.6310, 0.1819, 81.8846



150.0270, -41.4253, -13.1787



134.3880, 57.9827, -117.8583

Complementary

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



161.6310, 0.1819, 81.8846



207.3690, -0.1819, -81.8846

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.



133.5780, 39.6480, -117.1479



161.6310, 0.1819, 81.8846



137.3740, -14.4814, -68.7340

Square

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



161.6310, 0.1819, 81.8846



155.1310, -52.3226, 28.8261



128.2370, 16.6452, -112.4638



137.8630, 57.7485, -89.3339

Rectangle

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



161.6310, 0.1819, 81.8846



159.1790, -38.0492, 70.8800



128.2370, 16.6452, -112.4638



135.0090, 52.7466, -118.4029

Sweetspot

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



161.6310, 0.1819, 81.8846



226.4530, -0.2233, 25.0357



157.5820, 48.0271, 42.4626



110.8000, 0.0986, 15.0844



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.



161.6310, 0.1819, 81.8846



143.7300, 0.1331, 97.5838



168.4860, -26.8616, 75.8728



119.3430, -0.1691, 7.5922



64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Inverse Universe

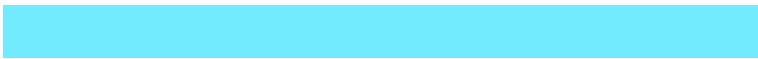
The Inverse Universe completely reimagines the original color for something new.



161.6310, 0.1819, 81.8846



143.7300, 0.1331, 97.5838



200.5140, 26.8616, -75.8728



119.3430, -0.1691, 7.5922



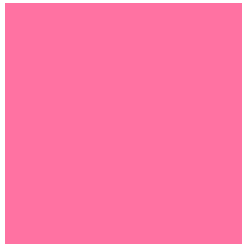
64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 161.6310, 0.1819, 81.8846 looks on a white background.

Color Contrast Check

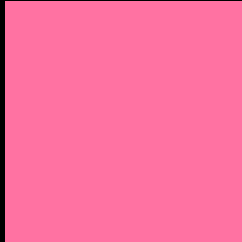
Large Text (above 18pt) WCAG AA × Fail

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 161.6310, 0.1819, 81.8846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

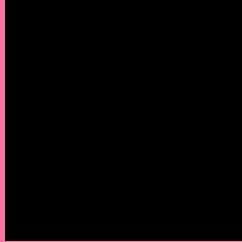
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.6310, 0.1819, 81.8846

Background



This preview shows how black text looks on a background with the YUV color 161.6310, 0.1819, 81.8846.



This preview shows how white text looks on a background with the YUV color 161.6310, 0.1819,

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

161.6310, 0.1819, 81.8846

Protanopia

162.8110, 13.4042, -5.9732

Deuteranopia

163.0620, -3.9746, 14.8546



Tritanopia

160.4940, -15.5265, 80.2508

Trichromacy



Original Color

161.6310, 0.1819, 81.8846



Protanomaly

162.4560, 8.6492, 25.9101



Deuteranomaly

162.6720, -2.3033, 38.8757



Tritanomaly

160.9870, -9.8536, 80.6954

Monochromacy



Original Color

161.6310, 0.1819, 81.8846



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.1870, -0.0922, 29.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6310, 0.1819, 81.8846 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, 114, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 162)  
}
```

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, 114, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 162) }
```

Border

The CSS property to change the border of an element to YUV 161.6310, 0.1819, 81.8846 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, 114, 162) }
```


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

```
.border{ border-color:rgb(255, 114, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 161.6310, 0.1819, 81.8846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 162) }
```

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

```
.background{ background-color: rgb(255,  
114, 162) }
```

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