

Converting Colors

YUV(163.6880, -9.7062,
80.0806)

Have a look what the booklet for
YUV(163.6880, -9.7062, 80.0806)
contains.

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Color

**YUV(163.6880, -9.7062,
80.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7990
RGB	255, 121, 144
RGB Percent	100%, 47%, 56%
CMY	0.0000, 0.5255, 0.4353
CMYK	0.00, 0.53, 0.44, 0.00
HSL	350°, 100%, 74%
HSV	350°, 53%, 100%
XYZ	53.1114, 36.9484, 30.7180
YIQ	163.6880, 72.4810, 35.5610

Conversions

Conversions Part 2

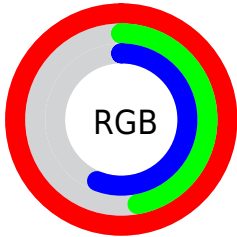
Format	Color
R _Y B	255, 121, 144
Decimal	16742800
CIE Lab	67.24, 53.05, 12.34
CIE LCh	67, 54.463, 13.098
Yxy	36.9484, 0.4397, 0.3059
Android (android.graphics.Color)	4294932880 (0xFFFF7990)
YUV	163.6880, -9.7062, 80.0806
Hunter-Lab	60.7852, 49.5914, 12.5872

Details

The YUV color **163.6880, -9.7062, 80.0806** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **212.3120, 9.7062, -80.0806**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7160, -2.3250, 45.8531**, and **107.4640, -6.6378, 75.8921** is the 20% darker color. If you saturate the color by 10%, you get **146.6190, -11.6442, 95.0501**, and if you desaturate by 10%, it is **181.3440, -8.0576, 64.5963**.

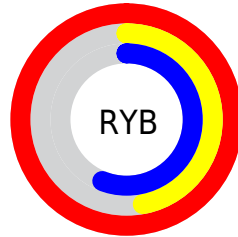
Distribution



Red (100%)

Green (47%)

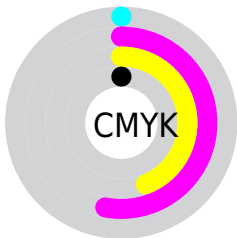
Blue (56%)



Red (100%)

Yellow (47%)

Blue (56%)

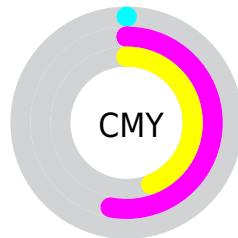


Cyan (0%)

Magenta (53%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6880, -9.7062, 80.0806 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 163.6880, -9.7062, 80.0806 by changing the saturation by 10% instead.


 163.6880, -9.7062,
80.0806

 163.6880, -9.7062,
80.0806


255.0000, 0.0000,
0.0000

 135.6060, -8.6798,
77.5215

 202.7160, -2.3250,
45.8531


 107.4640, -6.6378,
75.8921


 222.3440, 1.8024,
28.6393

 78.1480, -4.0170,
75.2922

 242.5590, 5.6404,
10.9108

 45.8370, 1.0664,
78.1960

 34.8860, -3.3948,
62.3670

 23.3220, -11.4977,
47.9526

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,
0.0000

■ 163.6880, -9.7062,
80.0806

■ 163.6880, -9.7062,
80.0806

■ 146.6190,
-11.6442, 95.0501

■ 181.3440, -8.0576,
64.5963

■ 128.9630,
-13.2928, 110.5344

■ 198.4130, -6.1196,
49.6268

■ 111.3070,
-14.9414, 126.0188

■ 215.4820, -4.1816,
34.6573

■ 94.2380, -16.8793,
140.9883

■ 233.1380, -2.5330,
19.1730

■ 81.2610, -18.3697,
152.3691

■ 250.9080, -0.4476,
3.5887

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.



166.8380, 12.8979, 63.2861



163.6880, -9.7062, 80.0806



162.6120, -31.3607, 72.2543

Triad

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



163.6880, -9.7062, 80.0806



150.4900, -30.3146, -30.2477



132.9690, 60.1613, -116.6138

Complementary

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



163.6880, -9.7062, 80.0806



212.3120, 9.7062, -80.0806

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.



134.8150, 46.9262, -118.2328



163.6880, -9.7062, 80.0806



125.8390, 3.5304, -105.9758

Square

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



163.6880, -9.7062, 80.0806



156.8130, -46.7428, 12.4420



131.3320, 25.9653, -115.1782



158.8480, 47.4029, -37.5777

Rectangle

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



163.6880, -9.7062, 80.0806



161.3530, -42.0790, 56.6954



131.3320, 25.9653, -115.1782



134.1600, 57.1091, -117.6583

Sweetspot

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



163.6880, -9.7062, 80.0806



227.0570, -2.9861, 24.5060



168.8670, 42.4636, 53.6136



110.9310, -1.9380, 14.9695



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.



163.6880, -9.7062, 80.0806



145.3310, -11.5022, 96.1797



185.7200, -31.9070, 60.7586



119.1150, -1.0427, 7.7921



60.8710, -13.7404, 114.1231



20.3900, -4.6293, 38.2460

Inverse Universe

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



163.6880, -9.7062, 80.0806



145.3310, -11.5022, 96.1797



190.2800, 31.9070, -60.7586



119.1150, -1.0427, 7.7921



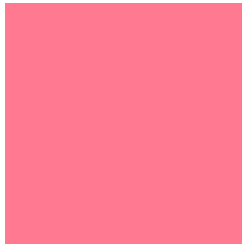
60.8710, -13.7404, 114.1231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 163.6880, -9.7062, 80.0806 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 163.6880, -9.7062, 80.0806 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 163.6880, -9.7062, 80.0806

Background



This preview shows how black text looks on a background with the YUV color 163.6880, -9.7062, 80.0806.

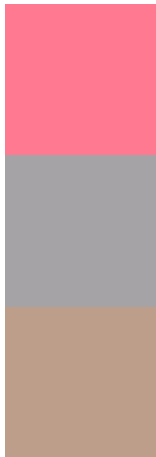


This preview shows how white text looks on a background with the YUV color 163.6880, -9.7062,

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

163.6880, -9.7062, 80.0806

Protanopia

164.3530, 1.3050, 1.4444

Deuteranopia

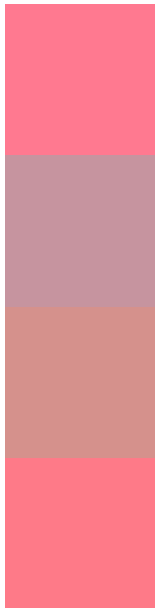
164.9890, -13.3056, 21.0576



Tritanopia

163.1950, -15.3791, 79.6360

Trichromacy



Original Color

163.6880, -9.7062, 80.0806

Protanomaly

164.2040, -2.5656, 29.6391

Deuteranomaly

164.7620, -12.2077, 42.3047

Tritanomaly

163.0640, -13.3426, 79.7509

Monochromacy



Original Color

163.6880, -9.7062, 80.0806

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.6770, -3.2918, 29.2243

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6880, -9.7062, 80.0806 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, 121, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 144)  
}
```

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, 121, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 144) }
```

Border

The CSS property to change the border of an element to YUV 163.6880, -9.7062, 80.0806 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, 121, 144) }
```


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

```
.border{ border-color:rgb(255, 121, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 163.6880, -9.7062, 80.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 144) }
```

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

```
.background{ background-color: rgb(255,  
121, 144) }
```

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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