

Converting Colors

YUV(165.1360, 0.9190, 78.8107)

Have a look what the booklet for
YUV(165.1360, 0.9190, 78.8107)
contains.

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Color

**YUV(165.1360, 0.9190,
78.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77A7
RGB	255, 119, 167
RGB Percent	100%, 47%, 65%
CMY	0.0000, 0.5333, 0.3451
CMYK	0.00, 0.53, 0.35, 0.00
HSL	339°, 100%, 73%
HSV	339°, 53%, 100%
XYZ	54.8119, 37.2437, 40.8591
YIQ	165.1360, 65.6480, 43.7600

Conversions

Conversions Part 2

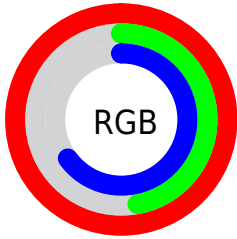
Format	Color
R_{YB}	255, 119, 167
Decimal	16742311
CIE Lab	67.46, 56.44, -0.36
CIE LCh	67, 56.443, 359.632
Yxy	37.2437, 0.4124, 0.2802
Android (android.graphics.Color)	4294932391 (0xFFFF77A7)
YUV	165.1360, 0.9190, 78.8107
Hunter-Lab	61.0276, 53.5213, 3.0236

Details

The YUV color **165.1360, 0.9190, 78.8107** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.8640, -0.9190, -78.8107**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2780, 8.7369, 44.4832**, and **108.3960, 3.2558, 75.9517** is the 20% darker color. If you saturate the color by 10%, you get **148.6370, 1.1650, 93.2804**, and if you desaturate by 10%, it is **182.3360, 0.8204, 63.7263**.

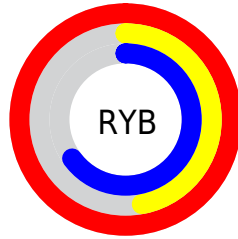
Distribution



Red (100%)

Green (47%)

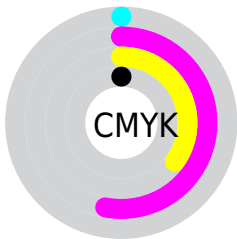
Blue (65%)



Red (100%)

Yellow (47%)

Blue (65%)

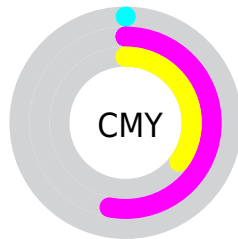


Cyan (0%)

Magenta (53%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.1360, 0.9190, 78.8107 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 165.1360, 0.9190, 78.8107 by changing the saturation by 10% instead.


 165.1360, 0.9190,
78.8107


 165.1360, 0.9190,
78.8107

255.0000, 0.0000,
0.0000

 136.7660, 2.0874,
77.3812


 204.2780, 8.7369,
44.4832


 108.3960, 3.2558,
75.9517


 224.6070, 13.0117,
26.6547

 78.4930, 6.1660,
75.8666

 242.0860, 6.3666,
11.3256

 48.3020, 9.2181,
76.9111

 37.4220, 3.7360,
61.8969

 26.4710, -0.7252,
46.0679

 16.3740, -7.0864,

32.9980

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 165.1360, 0.9190,
78.8107

■ 165.1360, 0.9190,
78.8107

■ 148.6370, 1.1650,
93.2804

■ 182.3360, 0.8204,
63.7263

■ 131.4370, 1.2636,
108.3648

■ 198.8350, 0.5743,
49.2567

■ 114.3510, 1.7990,
123.3492

■ 215.4480, 0.7651,
34.6871

■ 97.7380, 1.6082,
137.9188

■ 232.5340, 0.2297,
19.7027

■ 86.5050, 1.7230,
147.7701

■ 249.7340, 0.1311,
4.6183

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.



169.2090, 23.5610, 49.8057



165.1360, 0.9190, 78.8107



162.9580, -22.6573, 80.7208

Triad

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



165.1360, 0.9190, 78.8107



153.8640, -40.8520, -10.4047



136.0350, 56.6777, -119.3027

Complementary

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



165.1360, 0.9190, 78.8107



208.8640, -0.9190, -78.8107

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.



135.2250, 38.3431, -118.5923



165.1360, 0.9190, 78.8107



142.7770, -15.6661, -62.0714

Square

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



165.1360, 0.9190, 78.8107



158.5980, -50.5808, 30.1706



129.4110, 16.0664, -113.4934



142.0160, 55.7011, -85.9600

Rectangle

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



165.1360, 0.9190, 78.8107



162.2220, -36.5914, 69.9653



129.4110, 16.0664, -113.4934



136.0690, 51.7310, -119.3325

Sweetspot

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



165.1360, 0.9190, 78.8107



227.9690, 0.5083, 23.7062



160.2180, 46.7275, 39.2738



111.5010, 0.2460, 14.4696



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.



165.1360, 0.9190, 78.8107



147.2350, 0.8701, 94.5099



170.2300, -25.2564, 74.3433



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Inverse Universe

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



165.1360, 0.9190, 78.8107



147.2350, 0.8701, 94.5099



203.7700, 25.2564, -74.3433



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 165.1360, 0.9190, 78.8107 looks on a white background.

Color Contrast Check

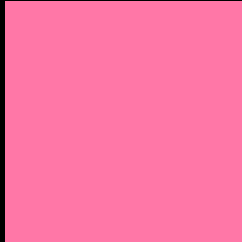
Large Text (above 18pt) WCAG AA × Fail

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 165.1360, 0.9190, 78.8107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

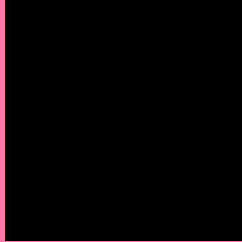
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1360, 0.9190, 78.8107

Background



This preview shows how black text looks on a background with the YUV color 165.1360, 0.9190, 78.8107.



This preview shows how white text looks on a background with the YUV color 165.1360, 0.9190,

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

165.1360, 0.9190, 78.8107

Protanopia

165.3380, 14.1304, -5.5584

Deuteranopia

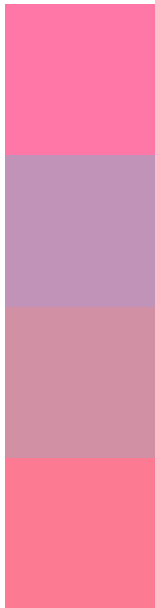
166.1050, -2.5168, 13.9399



Tritanopia

163.9990, -14.7895, 77.1769

Trichromacy



Original Color

165.1360, 0.9190, 78.8107

Protanomaly

165.2710, 9.2334, 25.1953

Deuteranomaly

165.6010, -1.2823, 38.0609

Tritanomaly

164.4920, -9.1166, 77.6215

Monochromacy



Original Color

165.1360, 0.9190, 78.8107

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0020, 0.4920, 28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1360, 0.9190, 78.8107 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, 119, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 167)  
}
```

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, 119, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 167) }
```

Border

The CSS property to change the border of an element to YUV 165.1360, 0.9190, 78.8107 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, 119, 167) }
```


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

```
.border{ border-color:rgb(255, 119, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 165.1360, 0.9190, 78.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 167) }
```

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

```
.background{ background-color: rgb(255,  
119, 167) }
```

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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