

Converting Colors

YUV(164.1100, -3.0122,
79.7105)

Have a look what the booklet for
YUV(164.1100, -3.0122, 79.7105)
contains.

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Color

**YUV(164.1100, -3.0122,
79.7105)**

Conversions

Conversions Part 1

Format	Color
Hex	FF779E
RGB	255, 119, 158
RGB Percent	100%, 47%, 62%
CMY	0.0000, 0.5333, 0.3804
CMYK	0.00, 0.53, 0.38, 0.00
HSL	343°, 100%, 73%
HSV	343°, 53%, 100%
XYZ	54.0084, 36.9223, 36.6279
YIQ	164.1100, 68.5370, 40.9610

Conversions

Conversions Part 2

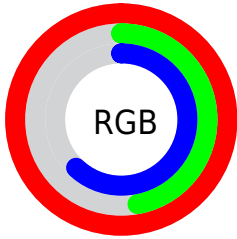
Format	Color
RYB	255, 119, 158
Decimal	16742302
CIELab	67.22, 55.44, 4.38
CIElCh	67, 55.609, 4.522
Yxy	36.9223, 0.4234, 0.2895
Android (android.graphics.Color)	4294932382 (0xFFFF779E)
YUV	164.1100, -3.0122, 79.7105
Hunter-Lab	60.7637, 52.3190, 6.7950

Details

The YUV color **164.1100, -3.0122, 79.7105** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **209.8900, 3.0122, -79.7105**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1380, 4.3690, 45.4830**, and **107.1850, -0.0912, 76.1368** is the 20% darker color. If you saturate the color by 10%, you get **147.3830, -3.6398, 94.3801**, and if you desaturate by 10%, it is **181.4240, -2.6740, 64.5262**.

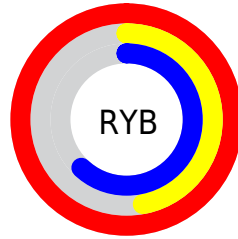
Distribution



Red (100%)

Green (47%)

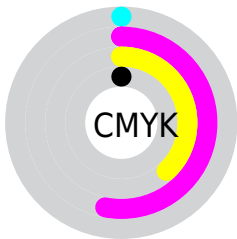
Blue (62%)



Red (100%)

Yellow (47%)

Blue (62%)

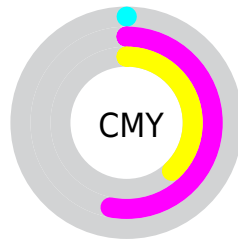


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1100, -3.0122, 79.7105 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 164.1100, -3.0122, 79.7105 by changing the saturation by 10% instead.


 164.1100, -3.0122,
79.7105

 164.1100, -3.0122,
79.7105


255.0000, 0.0000,
0.0000

 135.7400, -1.8438,
78.2810

 203.1380, 4.3690,
45.4830


 107.1850, -0.0912,
76.1368


 223.4670, 8.6438,
27.6544

 77.5810, 2.6716,
76.6665

 242.0860, 6.3666,
11.3256

 47.5040, 6.1605,
77.6110

 36.3250, 0.8258,
61.9820

 25.6730, -3.7828,
46.7678

 16.0750, -6.9390,

32.3832

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 164.1100, -3.0122,
79.7105

■ 164.1100, -3.0122,
79.7105

■ 147.3830, -3.6398,
94.3801

■ 181.4240, -2.6740,
64.5262

■ 130.0690, -3.9780,
109.5645

■ 198.1510, -2.0464,
49.8566

■ 112.6410, -4.7530,
124.8488

■ 214.9920, -0.9821,
35.0870

■ 95.9140, -5.3806,
139.5184

■ 232.3060, -0.6439,
19.9026

■ 84.5670, -5.7025,
149.4697

■ 249.6200, -0.3057,
4.7183

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.



167.9170, 19.7609, 55.3238



164.1100, -3.0122, 79.7105



162.1380, -25.7040, 77.9320

Triad

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



164.1100, -3.0122, 79.7105



152.1450, -37.0465, -17.6672



134.5020, 58.4195, -117.9583

Complementary

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



164.1100, -3.0122, 79.7105



209.8900, 3.0122, -79.7105

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.



134.7350, 41.5426, -118.1626



164.1100, -3.0122, 79.7105



138.9050, -9.8132, -72.7077

Square

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



164.1100, -3.0122, 79.7105



157.3090, -48.9593, 23.4080



129.7360, 19.8502, -113.7785



150.7200, 51.4100, -62.8984

Rectangle

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



164.1100, -3.0122, 79.7105



161.6190, -38.7592, 65.2321



129.7360, 19.8502, -113.7785



135.2370, 53.6202, -118.6028

Sweetspot

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



164.1100, -3.0122, 79.7105



227.6270, -0.8021, 24.0061



162.9090, 45.4009, 44.8068



111.2730, -0.6276, 14.6696



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.



164.1100, -3.0122, 79.7105



146.0950, -3.4978, 95.5097



175.5130, -27.8609, 69.7101



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

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



164.1100, -3.0122, 79.7105



146.0950, -3.4978, 95.5097



198.4870, 27.8609, -69.7101



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 164.1100, -3.0122, 79.7105 looks on a white background.

Color Contrast Check

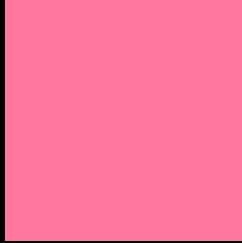
Large Text (above 18pt) WCAG AA × Fail

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 164.1100, -3.0122, 79.7105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

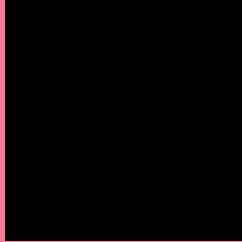
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1100, -3.0122, 79.7105

Background



This preview shows how black text looks on a background with the YUV color 164.1100, -3.0122, 79.7105.



This preview shows how white text looks on a background with the YUV color 164.1100, -3.0122,

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

164.1100, -3.0122, 79.7105

Protanopia

164.7960, 9.4676, -3.3291

Deuteranopia

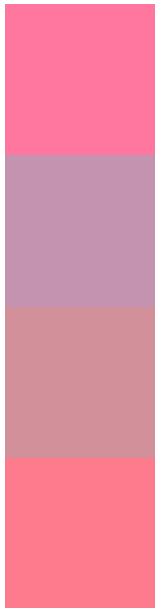
165.0900, -6.4534, 16.5841



Tritanopia

163.4830, -15.5211, 78.5064

Trichromacy



Original Color

164.1100, -3.0122, 79.7105

Protanomaly

164.5440, 5.1548, 26.7099

Deuteranomaly

164.8740, -5.3609, 39.5755

Tritanomaly

163.6340, -11.1586, 79.2510

Monochromacy



Original Color

164.1100, -3.0122, 79.7105

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2470, -1.1078, 28.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1100, -3.0122, 79.7105 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 158) }
```

Border

The CSS property to change the border of an element to YUV 164.1100, -3.0122, 79.7105 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, 158) }
```


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

```
.border{ border-color:rgb(255, 119, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 164.1100, -3.0122, 79.7105 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
119, 158) }
```

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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