

Converting Colors

YUV(164.7950, -5.3219,
73.8478)

Have a look what the booklet for
YUV(164.7950, -5.3219, 73.8478)
contains.

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Color

**YUV(164.7950, -5.3219,
73.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	F97C9A
RGB	249, 124, 154
RGB Percent	98%, 49%, 60%
CMY	0.0235, 0.5137, 0.3961
CMYK	0.00, 0.50, 0.38, 0.02
HSL	346°, 91%, 73%
HSV	346°, 50%, 98%
XYZ	52.1073, 36.8881, 34.9456
YIQ	164.7950, 64.8700, 35.8300

Conversions

Conversions Part 2

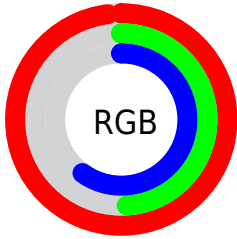
Format	Color
R_{YB}	249, 124, 154
Decimal	16350362
CIE Lab	67.19, 50.63, 6.50
CIE LCh	67, 51.045, 7.320
Yxy	36.8881, 0.4204, 0.2976
Android (android.graphics.Color)	4294540442 (0xFFFF97C9A)
YUV	164.7950, -5.3219, 73.8478
Hunter-Lab	60.7356, 46.8544, 8.4011

Details

The YUV color **164.7950, -5.3219, 73.8478** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.2050, 5.3219, -73.8478**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0300, 1.4642, 43.8237**, and **109.3430, -3.1271, 69.8592** is the 20% darker color. If you saturate the color by 10%, you get **147.9540, -6.3863, 88.6173**, and if you desaturate by 10%, it is **181.6360, -4.2575, 59.0782**.

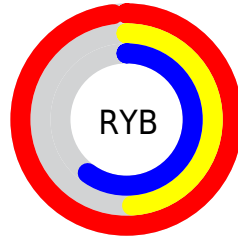
Distribution



Red (98%)

Green (49%)

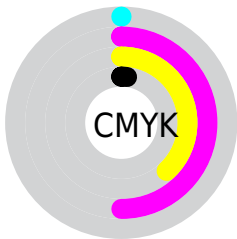
Blue (60%)



Red (98%)

Yellow (49%)

Blue (60%)

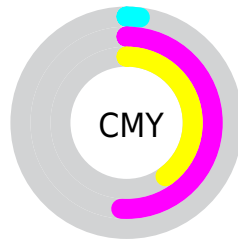


Cyan (0%)

Magenta (50%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.7950, -5.3219, 73.8478 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 164.7950, -5.3219, 73.8478 by changing the saturation by 10% instead.

 164.7950, -5.3219,
73.8478


 164.7950, -5.3219,
73.8478

255.0000, 0.0000,
0.0000


 137.0120, -4.4429,
71.9035

 205.0300, 1.4642,
43.8237


 109.3430, -3.1271,
69.8592


 225.2450, 5.3022,
26.0951

 81.5000, -1.2325,
68.8445

 244.4340, 5.2090,
9.2664

 47.4280, 4.7190,
73.2926

 34.4880, 0.2524,
59.2080

 23.9070, -5.3772,
44.8086

 14.8790, -6.3493,

29.9241

0.0000, 0.0000,
0.0000

164.7950, -5.3219,
73.8478

164.7950, -5.3219,
73.8478

147.9540, -6.3863,
88.6173

181.6360, -4.2575,
59.0782

131.1130, -7.4507,
103.3869

198.4770, -3.1932,
44.3087

114.2720, -8.5151,
118.1565

215.3180, -2.1288,
29.5391

97.4310, -9.5795,
132.9260

232.1590, -1.0644,
14.7696

81.2910, -10.4965,
147.0808

249.0000, 0.0000,
0.0000

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



167.5810, 15.9826, 53.8645



164.7950, -5.3219, 73.8478



162.9800, -26.1191, 71.0545

Triad

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



164.7950, -5.3219, 73.8478



152.9860, -32.5311, -19.2817



132.7580, 56.8143, -116.4288

Complementary

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



164.7950, -5.3219, 73.8478



208.2050, 5.3219, -73.8478

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.



133.4470, 41.6846, -117.0330



164.7950, -5.3219, 73.8478



141.2090, -7.4980, -68.5893

Square

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



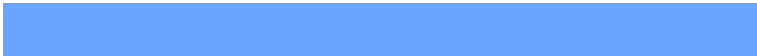
164.7950, -5.3219, 73.8478



158.4270, -44.5805, 18.9195



129.6050, 21.8867, -113.6636



156.7220, 48.4511, -47.1142

Rectangle

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



164.7950, -5.3219, 73.8478



162.3300, -37.1377, 58.4696



129.6050, 21.8867, -113.6636



133.6070, 52.4517, -117.1733

Sweetspot

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



164.7950, -5.3219, 73.8478



229.3880, -1.6703, 22.4617



166.3560, 40.7435, 45.2918



112.4470, -1.2064, 13.6400



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.



164.7950, -5.3219, 73.8478



151.9650, -6.3917, 90.3617



179.5720, -27.3970, 60.8884



116.2290, -0.6059, 7.6922



61.6410, -8.2040, 111.6938



19.9490, -2.4399, 36.0017

Inverse Universe

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



164.7950, -5.3219, 73.8478



151.9650, -6.3917, 90.3617



193.4280, 27.3970, -60.8884



116.2290, -0.6059, 7.6922



61.6410, -8.2040, 111.6938



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 164.7950, -5.3219, 73.8478 looks on a white background.

Color Contrast Check

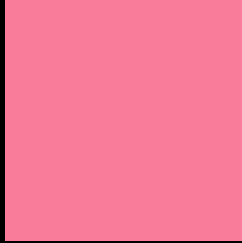
Large Text (above 18pt) WCAG AA × Fail

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 164.7950, -5.3219, 73.8478 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 164.7950, -5.3219, 73.8478

Background



This preview shows how black text looks on a background with the YUV color 164.7950, -5.3219, 73.8478.



This preview shows how white text looks on a background with the YUV color 164.7950, -5.3219,

73.8478.

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

164.7950, -5.3219, 73.8478

Protanopia

164.4820, 5.6784, -1.2997

Deuteranopia

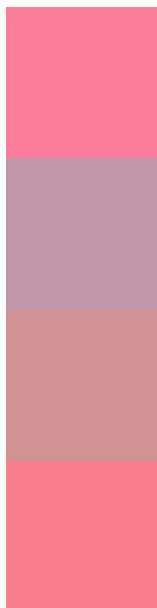
165.2320, -8.4954, 18.2135



Tritanopia

164.2050, -13.9051, 73.4882

Trichromacy



Original Color

164.7950, -5.3219, 73.8478

Protanomaly

164.6210, 1.6658, 25.7654

Deuteranomaly

165.2930, -7.5394, 38.3310

Tritanomaly

164.4160, -10.5581, 73.3032

Monochromacy



Original Color

164.7950, -5.3219, 73.8478

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0080, -1.9759, 27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7950, -5.3219, 73.8478 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(249, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(249, 124, 154)  
}
```

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(249, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 124, 154) }
```

Border

The CSS property to change the border of an element to YUV 164.7950, -5.3219, 73.8478 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(249, 124, 154) }
```


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

```
.border{ border-color:rgb(249, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(249, 124,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 164.7950, -5.3219, 73.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 124, 154) }
```

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

```
.background{ background-color: rgb(249,  
124, 154) }
```

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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