

Converting Colors

YUV(149.4360, -0.7079,
87.3176)

Have a look what the booklet for
YUV(149.4360, -0.7079, 87.3176)
contains.

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Color

**YUV(149.4360, -0.7079,
87.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	F96394
RGB	249, 99, 148
RGB Percent	98%, 39%, 58%
CMY	0.0235, 0.6118, 0.4196
CMYK	0.00, 0.60, 0.41, 0.02
HSL	340°, 93%, 68%
HSV	340°, 60%, 98%
XYZ	48.8741, 31.2015, 31.4635
YIQ	149.4360, 73.6710, 47.0390

Conversions

Conversions Part 2

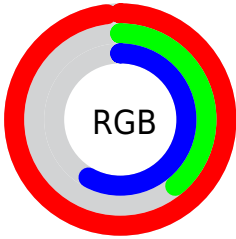
Format	Color
R _Y B	249, 99, 148
Decimal	16343956
CIE Lab	62.68, 61.45, 3.43
CIE LCh	63, 61.543, 3.191
Yxy	31.2015, 0.4382, 0.2797
Android (android.graphics.Color)	4294534036 (0xFFFF96394)
YUV	149.4360, -0.7079, 87.3176
Hunter-Lab	55.8583, 58.4291, 5.7043

Details

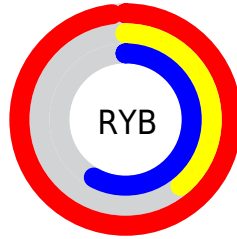
The YUV color **149.4360, -0.7079, 87.3176** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.5640, 0.7079, -87.3176**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8450, 5.4994, 56.2639**, and **89.6900, 4.0968, 86.2179** is the 20% darker color. If you saturate the color by 10%, you get **132.8230, -0.8987, 101.8872**, and if you desaturate by 10%, it is **166.0490, -0.5172, 72.7480**.

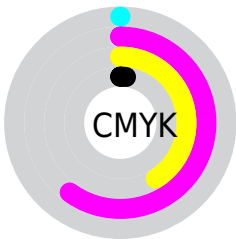
Distribution



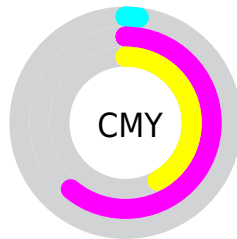
- Red (98%)
- Green (39%)
- Blue (58%)



- Red (98%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (2%)



- Cyan (2%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.4360, -0.7079, 87.3176 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 149.4360, -0.7079, 87.3176 by changing the saturation by 10% instead.


 149.4360, -0.7079,
87.3176

 149.4360, -0.7079,
87.3176

255.0000, 0.0000,
0.0000


 120.1800, 0.8973,
85.7881

 190.8450, 5.4994,
56.2639


 89.6900, 4.0968,
86.2179


 210.4730, 9.6268,
39.0502


 55.6780, 9.0327,
89.7364

 230.3460, 12.1544,
21.6216

 44.4990, 3.6980,
74.1074

 247.9560, 3.4727,
6.1776

 33.4340, -1.2000,
58.3784

 22.0980, -8.4293,
43.7641

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 149.4360, -0.7079,
87.3176

■ 149.4360, -0.7079,
87.3176

■ 132.8230, -0.8987,
101.8872

■ 166.0490, -0.5172,
72.7480

■ 116.2100, -1.0895,
116.4568

■ 182.6620, -0.3264,
58.1784

■ 99.7110, -0.8435,
130.9265

■ 199.1610, -0.5724,
43.7088

■ 83.6850, -1.3237,
144.9813

■ 215.7740, -0.3816,
29.1392

■ 232.3870, -0.1908,
14.5696

248.4130, 0.2894,
0.5148

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.



154.5630, 23.3864, 59.1422



149.4360, -0.7079, 87.3176



148.0680, -26.1625, 85.0094

Triad

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



149.4360, -0.7079, 87.3176



138.0650, -42.4300, -17.5970



128.1760, 59.5662, -112.4104

Complementary

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



149.4360, -0.7079, 87.3176



198.5640, 0.7079, -87.3176

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.



127.8390, 40.5054, -112.1148



149.4360, -0.7079, 87.3176



114.1360, -6.9690, -98.3433

Square

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



149.4360, -0.7079, 87.3176



143.7410, -57.5533, 26.5371



122.2700, 16.6289, -107.2308



120.6420, 66.2385, -105.8030

Rectangle

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



149.4360, -0.7079, 87.3176



147.9680, -41.3962, 71.0651



122.2700, 16.6289, -107.2308



128.6830, 53.8933, -112.8550

Sweetspot

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



149.4360, -0.7079, 87.3176



224.4640, -0.2288, 26.7801



146.0000, 50.7790, 46.4810



108.8110, 0.0932, 16.8288



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.



149.4360, -0.7079, 87.3176



132.8560, -0.9150, 107.1203



158.5250, -29.3458, 79.3466



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Inverse Universe

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



149.4360, -0.7079, 87.3176



132.8560, -0.9150, 107.1203



189.4750, 29.3458, -79.3466



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 149.4360, -0.7079, 87.3176 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 149.4360, -0.7079, 87.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

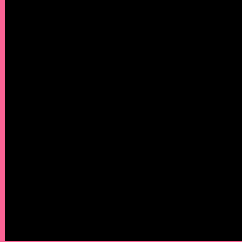
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.4360, -0.7079, 87.3176

Background



This preview shows how black text looks on a background with the YUV color 149.4360, -0.7079, 87.3176.



This preview shows how white text looks on a background with the YUV color 149.4360, -0.7079,

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

149.4360, -0.7079, 87.3176

Protanopia

152.9960, 12.8200, -5.2585

Deuteranopia

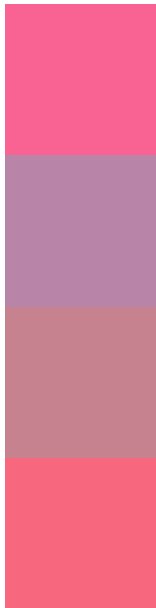
153.4920, -6.1586, 15.3545



Tritanopia

148.6580, -17.5794, 85.3689

Trichromacy



Original Color

149.4360, -0.7079, 87.3176

Protanomaly

151.6520, 8.0596, 28.3692

Deuteranomaly

152.2270, -4.0559, 41.0199

Tritanomaly

148.6780, -11.1803, 86.2284

Monochromacy



Original Color

149.4360, -0.7079, 87.3176

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1980, -0.0976, 31.3984

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4360, -0.7079, 87.3176 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, 99, 148)` looks like.

```
.text, #text, p{  
    color:rgb(249, 99, 148)  
}
```

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, 99, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 99, 148) }
```

Border

The CSS property to change the border of an element to YUV 149.4360, -0.7079, 87.3176 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, 99, 148) }
```


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

```
.border{ border-color:rgb(249, 99, 148) }
```

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

Here you see how a box with a 4 pixel rgb(249, 99, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 99, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 99, 148);  
box-shadow:4px 4px 4px 4px rgb(249, 99,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 149.4360, -0.7079, 87.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 99, 148) }
```

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

```
.background{ background-color: rgb(249, 99,  
148) }
```

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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