

Converting Colors

YUV(149.1740, 3.3652, 87.5474)

Have a look what the booklet for
YUV(149.1740, 3.3652, 87.5474)
contains.

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Color

**YUV(149.1740, 3.3652,
87.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	F9619C
RGB	249, 97, 156
RGB Percent	98%, 38%, 61%
CMY	0.0235, 0.6196, 0.3882
CMYK	0.00, 0.61, 0.37, 0.02
HSL	337°, 93%, 68%
HSV	337°, 61%, 98%
XYZ	49.3424, 31.0894, 34.8527
YIQ	149.1740, 71.6530, 50.5730

Conversions

Conversions Part 2

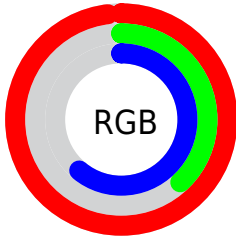
Format	Color
R _Y B	249, 97, 156
Decimal	16343452
CIE Lab	62.58, 63.13, -1.32
CIE LCh	63, 63.144, 358.799
Yxy	31.0894, 0.4280, 0.2697
Android (android.graphics.Color)	4294533532 (0xFFFF9619C)
YUV	149.1740, 3.3652, 87.5474
Hunter-Lab	55.7579, 60.3854, 1.9700

Details

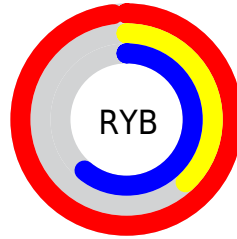
The YUV color **149.1740, 3.3652, 87.5474** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **196.8260, -3.3652, -87.5474**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5830, 9.5726, 56.4937**, and **88.1400, 8.3120, 87.5772** is the 20% darker color. If you saturate the color by 10%, you get **132.7890, 4.0480, 101.9170**, and if you desaturate by 10%, it is **165.5590, 2.6824, 73.1778**.

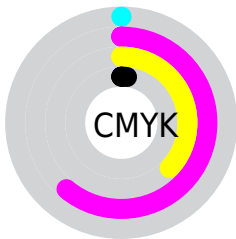
Distribution



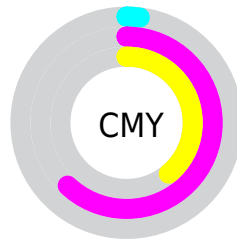
- Red (98%)
- Green (38%)
- Blue (61%)



- Red (98%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (61%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1740, 3.3652, 87.5474 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 149.1740, 3.3652, 87.5474 by changing the saturation by 10% instead.

 149.1740, 3.3652,
87.5474


 149.1740, 3.3652,
87.5474


255.0000, 0.0000,
0.0000


 119.9180, 4.9704,
86.0179


 190.5830, 9.5726,
56.4937

 88.1400, 8.3120,
87.5772


 210.9120, 13.8474,
38.6652


 56.4760, 12.0903,
89.0365

 229.7590, 12.4438,
22.1364

 45.1830, 6.3188,
73.5075

 247.3690, 3.7621,
6.6924

 34.1180, 1.4208,
57.7785

 23.5370, -4.2087,
43.3791

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 149.1740, 3.3652,
87.5474

■ 149.1740, 3.3652,
87.5474

■ 132.7890, 4.0480,
101.9170

■ 165.5590, 2.6824,
73.1778

■ 116.4040, 4.7308,
116.2867

■ 181.9440, 1.9996,
58.8081

■ 99.9050, 4.9768,
130.7563

■ 198.4430, 1.7536,
44.3385

■ 85.5090, 5.6651,
143.3816

■ 214.8280, 1.0708,
29.9688

■ 230.6260, 0.6774,
16.1140

247.0110, -0.0054,
1.7444

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.



155.1540, 27.0391, 54.2389



149.1740, 3.3652, 87.5474



147.0130, -22.6844, 89.4426

Triad

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



149.1740, 3.3652, 87.5474



138.7300, -47.6879, -11.1642



129.1220, 58.1139, -113.2400

Complementary

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



149.1740, 3.3652, 87.5474



196.8260, -3.3652, -87.5474

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.



127.1550, 37.8846, -111.5149



149.1740, 3.3652, 87.5474



122.2760, -15.9121, -76.5411

Square

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



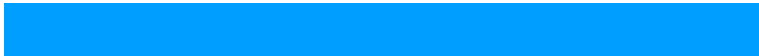
149.1740, 3.3652, 87.5474



143.6880, -60.4852, 33.5996



121.2440, 12.6977, -106.3310



122.4030, 65.3703, -107.3474

Rectangle

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



149.1740, 3.3652, 87.5474



147.2830, -39.0865, 76.9278



121.2440, 12.6977, -106.3310



128.9280, 52.2935, -113.0699

Sweetspot

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



149.1740, 3.3652, 87.5474



224.8060, 1.0816, 26.4801



141.5370, 52.9793, 40.7481



108.9250, 0.5300, 16.7288



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.



149.1740, 3.3652, 87.5474



132.8220, 4.0318, 107.1501



151.2530, -26.7467, 85.7241



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Inverse Universe

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



149.1740, 3.3652, 87.5474



132.8220, 4.0318, 107.1501



194.7470, 26.7467, -85.7241



116.4570, 0.2677, 7.4922



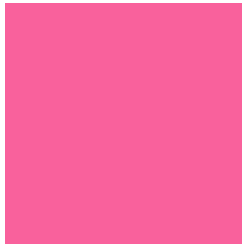
64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 149.1740, 3.3652, 87.5474 looks on a white background.

Color Contrast Check

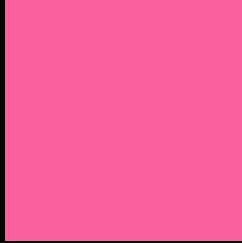
Large Text (above 18pt) WCAG AA × Fail

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 149.1740, 3.3652, 87.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

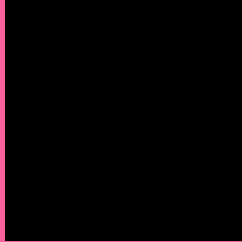
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.1740, 3.3652, 87.5474

Background



This preview shows how black text looks on a background with the YUV color 149.1740, 3.3652, 87.5474.



This preview shows how white text looks on a background with the YUV color 149.1740, 3.3652,

87.5474.

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

149.1740, 3.3652, 87.5474

Protanopia

152.0540, 18.2144, -8.8174

Deuteranopia

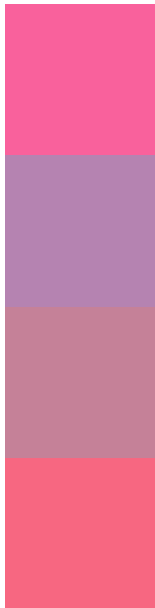
153.2080, -2.0745, 12.0956



Tritanopia

148.6580, -17.5794, 85.3689

Trichromacy



Original Color

149.1740, 3.3652, 87.5474

Protanomaly

151.1940, 12.7224, 26.1399

Deuteranomaly

151.9540, 0.0227, 39.5053

Tritanomaly

149.0200, -9.8699, 85.9285

Monochromacy



Original Color

149.1740, 3.3652, 87.5474

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9530, 1.5022, 31.6132

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1740, 3.3652, 87.5474 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, 97, 156)` looks like.

```
.text, #text, p{  
    color:rgb(249, 97, 156)  
}
```

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, 97, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 97, 156) }
```

Border

The CSS property to change the border of an element to YUV 149.1740, 3.3652, 87.5474 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, 97, 156) }
```


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

```
.border{ border-color:rgb(249, 97, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 97, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 97, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 97, 156);  
box-shadow:4px 4px 4px 4px rgb(249, 97,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 149.1740, 3.3652, 87.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 97, 156) }
```

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

```
.background{ background-color: rgb(249, 97,  
156) }
```

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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