

Converting Colors

YUV(150.0900, -5.9604,
92.0061)

Have a look what the booklet for
YUV(150.0900, -5.9604, 92.0061)
contains.

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Color

**YUV(150.0900, -5.9604,
92.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	FF638A
RGB	255, 99, 138
RGB Percent	100%, 39%, 54%
CMY	0.0000, 0.6118, 0.4588
CMYK	0.00, 0.61, 0.46, 0.00
HSL	345°, 100%, 69%
HSV	345°, 61%, 100%
XYZ	50.2893, 32.0187, 27.5744
YIQ	150.0900, 80.4570, 45.2010

Conversions

Conversions Part 2

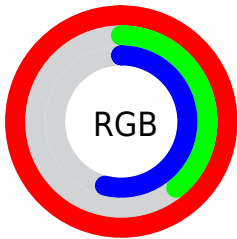
Format	Color
R _Y B	255, 99, 138
Decimal	16737162
CIE Lab	63.36, 62.34, 10.29
CIE LCh	63, 63.186, 9.372
Yxy	32.0187, 0.4577, 0.2914
Android (android.graphics.Color)	4294927242 (0xFFFF638A)
YUV	150.0900, -5.9604, 92.0061
Hunter-Lab	56.5850, 59.6160, 10.7169

Details

The YUV color **150.0900, -5.9604, 92.0061** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **203.9100, 5.9604, -92.0061**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5910, 0.6946, 57.3637**, and **89.4580, -0.7188, 90.8063** is the 20% darker color. If you saturate the color by 10%, you get **132.6620, -6.7354, 107.2904**, and if you desaturate by 10%, it is **166.9310, -4.8960, 77.2365**.

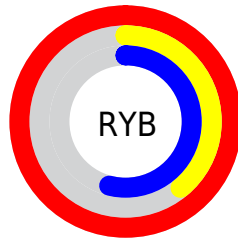
Distribution



Red (100%)

Green (39%)

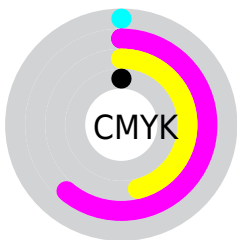
Blue (54%)



Red (100%)

Yellow (39%)

Blue (54%)

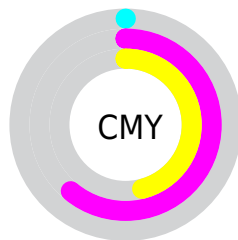


Cyan (0%)

Magenta (61%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0900, -5.9604, 92.0061 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 150.0900, -5.9604, 92.0061 by changing the saturation by 10% instead.


 150.0900, -5.9604,
92.0061


 150.0900, -5.9604,
92.0061


255.0000, 0.0000,
0.0000


 120.9480, -3.9184,
90.3766


 189.5910, 0.6946,
57.3637

 89.4580, -0.7188,
90.8063


 209.8060, 4.5326,
39.6351


 56.1470, 4.3645,
93.7101

 230.0210, 8.3706,
21.9066

 44.7830, -0.3860,
77.3663

 248.5430, 3.1833,
5.6628

 33.5330, -4.6998,
60.9226

 22.6530, -10.1819,
45.9083

 13.6830, -5.7597,

27.4650

■ 0.0000, 0.0000,
0.0000

■ 150.0900, -5.9604,
92.0061

■ 150.0900, -5.9604,
92.0061

■ 132.6620, -6.7354,
107.2904

■ 166.9310, -4.8960,
77.2365

■ 115.8210, -7.7998,
122.0600

■ 184.3590, -4.1210,
61.9522

■ 98.3930, -8.5747,
137.3443

■ 201.7870, -3.3460,
46.6678

■ 83.5410, -9.6337,
150.3695

■ 218.7420, -1.8448,
31.7983

■ 236.1700, -1.0698,
16.5139

253.0110, -0.0054,
1.7444

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.



154.8910, 19.2807, 69.3786



150.0900, -5.9604, 92.0061



149.5750, -31.8355, 84.5647

Triad

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



150.0900, -5.9604, 92.0061



137.9110, -38.9031, -28.8629



128.8600, 62.1870, -113.0102

Complementary

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



150.0900, -5.9604, 92.0061



203.9100, 5.9604, -92.0061

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.



130.0220, 46.3312, -114.0293



150.0900, -5.9604, 92.0061



116.6670, -2.3008, -102.3170

Square

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



150.0900, -5.9604, 92.0061



144.0560, -58.6946, 19.2449



125.0400, 22.1653, -109.6601



138.3050, 57.5306, -66.0425

Rectangle

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



150.0900, -5.9604, 92.0061



148.8660, -46.7689, 67.6465



125.0400, 22.1653, -109.6601



130.6380, 58.8455, -114.5695

Sweetspot

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



150.0900, -5.9604, 92.0061



224.1220, -1.5391, 27.0800



151.7670, 50.8939, 56.3323



108.4690, -1.2172, 17.1287



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.



150.0900, -5.9604, 92.0061



129.8580, -7.3250, 109.7495



168.5370, -34.2817, 75.8281



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Inverse Universe

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



150.0900, -5.9604, 92.0061



129.8580, -7.3250, 109.7495



185.4630, 34.2817, -75.8281



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 150.0900, -5.9604, 92.0061 looks on a white background.

Color Contrast Check

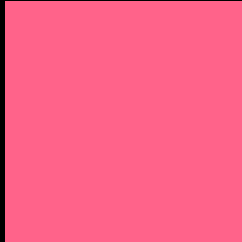
Large Text (above 18pt) WCAG AA × Fail

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 150.0900, -5.9604, 92.0061 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 150.0900, -5.9604, 92.0061

Background



This preview shows how black text looks on a background with the YUV color 150.0900, -5.9604, 92.0061.



This preview shows how white text looks on a background with the YUV color 150.0900, -5.9604,

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

150.0900, -5.9604, 92.0061

Protanopia

154.4110, 6.6994, -2.1144

Deuteranopia

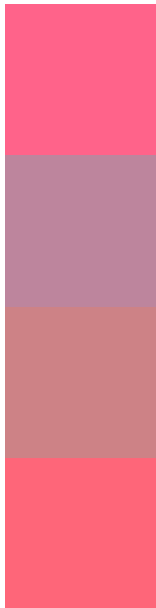
154.7330, -11.7004, 19.5282



Tritanopia

149.3490, -18.9061, 90.9019

Trichromacy



Original Color

150.0900, -5.9604, 92.0061

Protanomaly

152.4800, 2.2284, 32.0280

Deuteranomaly

152.8810, -9.3083, 45.7084

Tritanomaly

149.6140, -14.1067, 91.5465

Monochromacy



Original Color

150.0900, -5.9604, 92.0061

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7530, -1.8502, 33.5426

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0900, -5.9604, 92.0061 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, 99, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 138)  
}
```

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, 99, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 138) }
```

Border

The CSS property to change the border of an element to YUV 150.0900, -5.9604, 92.0061 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, 99, 138) }
```


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

```
.border{ border-color:rgb(255, 99, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 150.0900, -5.9604, 92.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 138) }
```

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

```
.background{ background-color: rgb(255, 99,  
138) }
```

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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