

Converting Colors

YUV(153.4650, -8.1172,
83.7842)

Have a look what the booklet for
YUV(153.4650, -8.1172, 83.7842)
contains.

YUV(153.4650, -8.1172, 83.7842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(153.4650, -8.1172,
83.7842)**

Conversions

Conversions Part 1

Format	Color
Hex	F96C89
RGB	249, 108, 137
RGB Percent	98%, 42%, 54%
CMY	0.0235, 0.5765, 0.4627
CMYK	0.00, 0.57, 0.45, 0.02
HSL	348°, 92%, 70%
HSV	348°, 57%, 98%
XYZ	48.9448, 32.6710, 27.3934
YIQ	153.4650, 74.7270, 38.9110

Conversions

Conversions Part 2

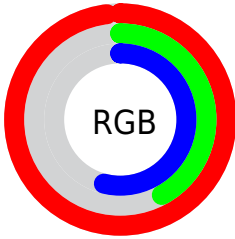
Format	Color
R _Y B	249, 108, 137
Decimal	16346249
CIE Lab	63.89, 56.40, 11.49
CIE LCh	64, 57.557, 11.515
Yxy	32.6710, 0.4490, 0.2997
Android (android.graphics.Color)	4294536329 (0xFFFF96C89)
YUV	153.4650, -8.1172, 83.7842
Hunter-Lab	57.1586, 52.8220, 11.5961

Details

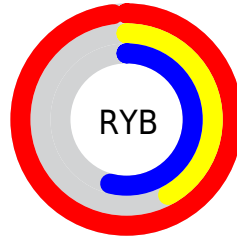
The YUV color **153.4650, -8.1172, 83.7842** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **203.5350, 8.1172, -83.7842**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1730, -2.0573, 53.3453**, and **96.0670, -4.4700, 80.6252** is the 20% darker color. If you saturate the color by 10%, you get **136.5100, -9.6184, 98.6537**, and if you desaturate by 10%, it is **170.4200, -6.6161, 68.9147**.

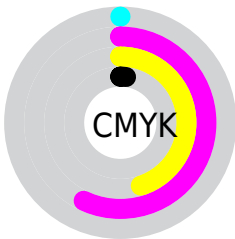
Distribution



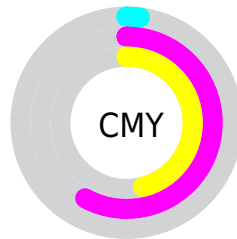
- Red (98%)
- Green (42%)
- Blue (54%)



- Red (98%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (57%)
- Yellow (45%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.4650, -8.1172, 83.7842 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 153.4650, -8.1172, 83.7842 by changing the saturation by 10% instead.


 153.4650, -8.1172,
83.7842


 153.4650, -8.1172,
83.7842

255.0000, 0.0000,
0.0000


 124.9100, -6.3646,
81.6399


 194.1730, -2.0573,
53.3453


 96.0670, -4.4700,
80.6252


 213.8010, 2.0701,
36.1315


 62.7560, 0.6133,
83.5290

 234.0160, 5.9081,
18.4030

 43.4730, -0.2332,
75.0072

 252.6520, 1.1576,
2.0592

 32.2230, -4.5469,
58.5634

 21.6420, -10.1765,
44.1640

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 153.4650, -8.1172,
83.7842

■ 153.4650, -8.1172,
83.7842

■ 136.5100, -9.6184,
98.6537

■ 170.4200, -6.6161,
68.9147

■ 119.5550,
-11.1196, 113.5233

■ 187.3750, -5.1149,
54.0451

■ 102.7140,
-12.1840, 128.2928

■ 204.2160, -4.0505,
39.2756

■ 85.7590, -13.6852,
143.1624

■ 221.1710, -2.5493,
24.4060

■ 80.2650, -14.4276,
147.9806

■ 238.1260, -1.0481,
9.5365

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.



157.2450, 15.6552, 65.5601



153.4650, -8.1172, 83.7842



152.6340, -31.3716, 75.7430

Triad

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



153.4650, -8.1172, 83.7842



140.6920, -33.3722, -29.5479



127.9310, 61.1660, -112.1955

Complementary

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



153.4650, -8.1172, 83.7842



203.5350, 8.1172, -83.7842

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.



129.2070, 45.7469, -113.3145



153.4650, -8.1172, 83.7842



118.1660, 0.9042, -103.6316

Square

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



153.4650, -8.1172, 83.7842



146.9120, -50.2426, 14.9862



125.4960, 23.9125, -110.0600



147.5740, 52.9610, -46.9844

Rectangle

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



153.4650, -8.1172, 83.7842



151.9190, -43.8371, 60.5840



125.4960, 23.9125, -110.0600



129.3670, 56.5141, -113.4549

Sweetspot

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



153.4650, -8.1172, 83.7842



225.8830, -2.4073, 25.5356



156.9640, 45.3737, 53.5286



110.3440, -1.6486, 15.4843



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.



153.4650, -8.1172, 83.7842



137.7170, -10.2135, 102.8572



173.6390, -32.3600, 66.0916



116.2290, -0.6059, 7.6922



60.9570, -10.8248, 112.2937



19.7210, -3.3135, 36.2017

Inverse Universe

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



153.4650, -8.1172, 83.7842



137.7170, -10.2135, 102.8572



183.3610, 32.3600, -66.0916



116.2290, -0.6059, 7.6922



60.9570, -10.8248, 112.2937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 153.4650, -8.1172, 83.7842 looks on a white background.

Color Contrast Check

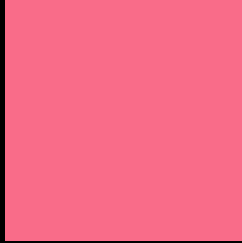
Large Text (above 18pt) WCAG AA × Fail

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 153.4650, -8.1172, 83.7842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

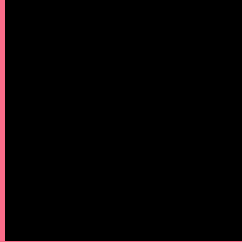
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4650, -8.1172, 83.7842

Background



This preview shows how black text looks on a background with the YUV color 153.4650, -8.1172, 83.7842.



This preview shows how white text looks on a background with the YUV color 153.4650, -8.1172,

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

153.4650, -8.1172, 83.7842

Protanopia

155.5100, 3.1996, 0.4297

Deuteranopia

155.8040, -12.7214, 20.3429



Tritanopia

152.8750, -16.7004, 83.4246

Trichromacy



Original Color

153.4650, -8.1172, 83.7842

Protanomaly

154.6710, -0.8238, 30.9835

Deuteranomaly

154.8160, -10.7553, 43.1344

Tritanomaly

153.0860, -13.3534, 83.2396

Monochromacy



Original Color

153.4650, -8.1172, 83.7842

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.3890, -3.1498, 30.3538

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4650, -8.1172, 83.7842 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, 108, 137)` looks like.

```
.text, #text, p{  
    color:rgb(249, 108, 137)  
}
```

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, 108, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 108, 137) }
```

Border

The CSS property to change the border of an element to YUV 153.4650, -8.1172, 83.7842 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, 108, 137) }
```


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

```
.border{ border-color:rgb(249, 108, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 108, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 108, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 108, 137);  
box-shadow:4px 4px 4px 4px rgb(249, 108,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 153.4650, -8.1172, 83.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 108, 137) }
```

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

```
.background{ background-color: rgb(249,  
108, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor