

Converting Colors

YUV(148.3510, -8.5540,
83.8842)

Have a look what the booklet for
YUV(148.3510, -8.5540, 83.8842)
contains.

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Color

**YUV(148.3510, -8.5540,
83.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	F46783
RGB	244, 103, 131
RGB Percent	96%, 40%, 51%
CMY	0.0431, 0.5961, 0.4863
CMYK	0.00, 0.58, 0.46, 0.04
HSL	348°, 87%, 68%
HSV	348°, 58%, 96%
XYZ	46.2552, 30.5723, 24.9359
YIQ	148.3510, 75.0480, 38.6000

Conversions

Conversions Part 2

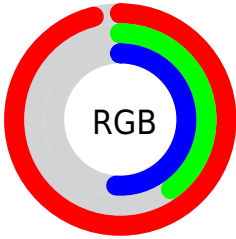
Format	Color
R _Y B	244, 103, 131
Decimal	16017283
CIE Lab	62.14, 56.46, 12.37
CIE LCh	62, 57.796, 12.358
Yxy	30.5723, 0.4545, 0.3004
Android (android.graphics.Color)	4294207363 (0xFFFF46783)
YUV	148.3510, -8.5540, 83.8842
Hunter-Lab	55.2922, 52.5645, 11.9658

Details

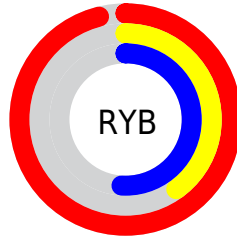
The YUV color **148.3510, -8.5540, 83.8842** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.6490, 8.5540, -83.8842**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5540, -3.2311, 56.5191**, and **90.4800, -4.1806, 81.1400** is the 20% darker color. If you saturate the color by 10%, you get **131.9830, -10.3446, 98.2389**, and if you desaturate by 10%, it is **164.7190, -6.7635, 69.5294**.

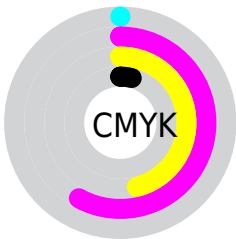
Distribution



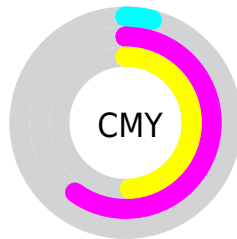
- Red (96%)
- Green (40%)
- Blue (51%)



- Red (96%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.3510, -8.5540, 83.8842 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 148.3510, -8.5540, 83.8842 by changing the saturation by 10% instead.


 148.3510, -8.5540,
83.8842


 148.3510, -8.5540,
83.8842


255.0000, 0.0000,
0.0000

 119.7960, -6.8014,
81.7399


 190.5540, -3.2311,
56.5191


 90.4800, -4.1806,
81.1400


 210.0680, 0.4595,
39.4054


 53.6470, 2.6390,
87.1326


 230.3970, 4.7343,
21.5768

 41.4080, -1.6801,
72.4332

 249.7170, 2.6045,
4.6332

 30.3430, -6.5781,
56.7042

 20.2610, -9.0027,
40.9901

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 148.3510, -8.5540,
83.8842

■ 148.3510, -8.5540,
83.8842

■ 131.9830,
-10.3446, 98.2389

■ 164.7190, -6.7635,
69.5294

■ 115.1420,
-11.4090, 113.0085

■ 181.5600, -5.6991,
54.7599

■ 98.7740, -13.1996,
127.3632

■ 197.9280, -3.9085,
40.4051

■ 81.9330, -14.2640,
142.1328

■ 214.7690, -2.8441,
25.6356

■ 78.4280, -15.0010,
145.2066

■ 231.1370, -1.0535,
11.2809

■ 247.3910, 0.3002,
-2.9739

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



152.4300, 15.0710, 66.2749



148.3510, -8.5540, 83.8842



147.2210, -31.6610, 75.2282

Triad

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



148.3510, -8.5540, 83.8842



135.3220, -32.2037, -30.9774



124.5400, 60.8658, -109.2216

Complementary

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



148.3510, -8.5540, 83.8842



198.6490, 8.5540, -83.8842

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.



126.4030, 45.1573, -110.8554



148.3510, -8.5540, 83.8842



114.8890, 1.0407, -100.7577

Square

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



148.3510, -8.5540, 83.8842



141.9010, -50.2372, 13.2418



122.2190, 24.0490, -107.1861



143.2860, 53.1030, -45.8548

Rectangle

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



148.3510, -8.5540, 83.8842



146.9080, -43.8316, 58.8397



122.2190, 24.0490, -107.1861



125.9760, 56.2138, -110.4810

Sweetspot

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



148.3510, -8.5540, 83.8842



225.7690, -2.8441, 25.6356



152.8610, 44.9315, 55.3729



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.



148.3510, -8.5540, 83.8842



135.6140, -10.6557, 104.7015



169.8130, -32.9388, 65.0620



113.9300, -0.4585, 7.0774



59.8320, -11.2562, 110.6493



19.0090, -3.4554, 35.0721

Inverse Universe

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



148.3510, -8.5540, 83.8842



135.6140, -10.6557, 104.7015



177.1870, 32.9388, -65.0620



113.9300, -0.4585, 7.0774



59.8320, -11.2562, 110.6493



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 148.3510, -8.5540, 83.8842 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 148.3510, -8.5540, 83.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

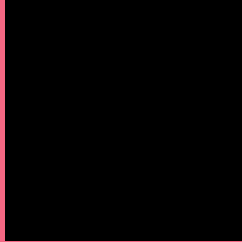
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.3510, -8.5540, 83.8842

Background



This preview shows how black text looks on a background with the YUV color 148.3510, -8.5540, 83.8842.



This preview shows how white text looks on a background with the YUV color 148.3510, -8.5540,

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

148.3510, -8.5540, 83.8842

Protanopia

151.2820, 2.3260, 0.6297

Deuteranopia

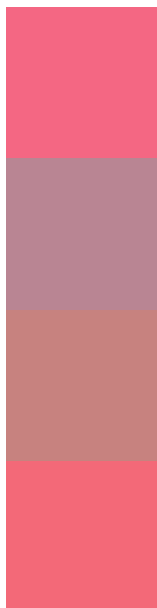
151.2770, -13.4476, 19.9281



Tritanopia

147.7610, -17.1372, 83.5246

Trichromacy



Original Color

148.3510, -8.5540, 83.8842

Protanomaly

150.1440, -1.5500, 30.5687

Deuteranomaly

150.2890, -11.4815, 42.7195

Tritanomaly

147.9720, -13.7902, 83.3396

Monochromacy



Original Color

148.3510, -8.5540, 83.8842

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.3890, -3.1498, 30.3538

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3510, -8.5540, 83.8842 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(244, 103, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 103, 131)  
}
```

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(244, 103, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 103, 131) }
```

Border

The CSS property to change the border of an element to YUV 148.3510, -8.5540, 83.8842 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(244, 103, 131) }
```


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

```
.border{ border-color:rgb(244, 103, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 103, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 103, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 103, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 103,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 148.3510, -8.5540, 83.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 103, 131) }
```

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

```
.background{ background-color: rgb(244,  
103, 131) }
```

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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