

Converting Colors

YUV(151.1310, -1.5436,
75.3071)

Have a look what the booklet for
YUV(151.1310, -1.5436, 75.3071)
contains.

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Color

**YUV(151.1310, -1.5436,
75.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6C94
RGB	237, 108, 148
RGB Percent	93%, 42%, 58%
CMY	0.0706, 0.5765, 0.4196
CMYK	0.00, 0.54, 0.38, 0.07
HSL	341°, 78%, 68%
HSV	341°, 54%, 93%
XYZ	45.6329, 30.8678, 31.5699
YIQ	151.1310, 64.0440, 39.7880

Conversions

Conversions Part 2

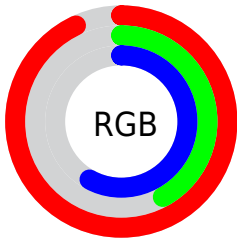
Format	Color
R _{YB}	237, 108, 148
Decimal	15559828
CIE Lab	62.40, 53.60, 2.79
CIE LCh	62, 53.676, 2.981
Yxy	30.8678, 0.4223, 0.2856
Android (android.graphics.Color)	4293749908 (0xFFED6C94)
YUV	151.1310, -1.5436, 75.3071
Hunter-Lab	55.5588, 49.3822, 5.2010

Details

The YUV color **151.1310, -1.5436, 75.3071** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **193.8690, 1.5436, -75.3071**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9540, 3.4737, 52.6603**, and **94.6190, 1.6668, 72.2481** is the 20% darker color. If you saturate the color by 10%, you get **135.2190, -1.5870, 89.2619**, and if you desaturate by 10%, it is **167.0430, -1.5002, 61.3523**.

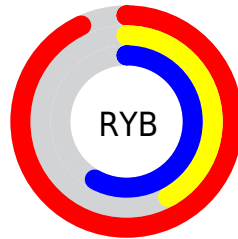
Distribution



Red (93%)

Green (42%)

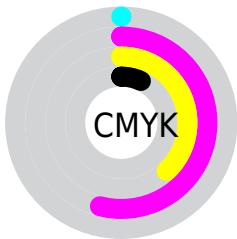
Blue (58%)



Red (93%)

Yellow (42%)

Blue (58%)

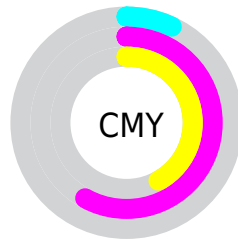


Cyan (0%)

Magenta (54%)

Yellow (38%)

Black (7%)



Cyan (7%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1310, -1.5436, 75.3071 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 151.1310, -1.5436, 75.3071 by changing the saturation by 10% instead.


 151.1310, -1.5436,
75.3071


 151.1310, -1.5436,
75.3071


255.0000, 0.0000,
0.0000


 123.3480, -0.6646,
73.3628

 194.9540, 3.4737,
52.6603


 94.6190, 1.6668,
72.2481

 215.1690, 7.3117,
34.9318

 63.8410, 5.0084,
73.8074

 234.4550, 10.1287,
18.0180

 41.5090, 5.1721,
67.9596

 252.0650, 1.4470,
2.5740

 30.7430, 0.1267,
52.8454

 20.0050, -7.3975,
39.4606

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,
0.0000

■ 151.1310, -1.5436,
75.3071

■ 151.1310, -1.5436,
75.3071

■ 135.2190, -1.5870,
89.2619

■ 167.0430, -1.5002,
61.3523

■ 119.7800, -2.3565,
102.8019

■ 182.4820, -0.7306,
47.8123

■ 103.8680, -2.3999,
116.7568

■ 198.3940, -0.6872,
33.8575

■ 87.9560, -2.4433,
130.7116

■ 214.3060, -0.6439,
19.9026

■ 79.1850, -3.0492,
138.4038

■ 230.3320, -0.1637,
5.8478

■ 245.6570, 0.1691,
-7.5922

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



154.5960, 19.9192, 51.2203



151.1310, -1.5436, 75.3071



149.3980, -23.3672, 75.0730

Triad

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



151.1310, -1.5436, 75.3071



140.2810, -36.6205, -14.2784



124.8190, 54.3192, -109.4663

Complementary

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



151.1310, -1.5436, 75.3071



193.8690, 1.5436, -75.3071

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.



124.4650, 37.7318, -109.1558



151.1310, -1.5436, 75.3071



128.0090, -10.8504, -66.6599

Square

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



151.1310, -1.5436, 75.3071



145.3630, -47.5070, 24.2376



119.6940, 16.9129, -104.9716



136.6700, 53.8997, -68.1166

Rectangle

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



151.1310, -1.5436, 75.3071



148.7050, -35.8436, 63.4027



119.6940, 16.9129, -104.9716



125.5540, 49.5199, -110.1109

Sweetspot

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



151.1310, -1.5436, 75.3071



227.7410, -0.3653, 23.9061



149.0180, 43.3751, 41.2032



111.3870, -0.1908, 14.5696



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.



151.1310, -1.5436, 75.3071



144.5620, -1.7561, 96.8541



160.6590, -25.9609, 66.9511



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983

Inverse Universe

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



151.1310, -1.5436, 75.3071



144.5620, -1.7561, 96.8541



184.3410, 25.9609, -66.9511



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 151.1310, -1.5436, 75.3071 looks on a white background.

Color Contrast Check

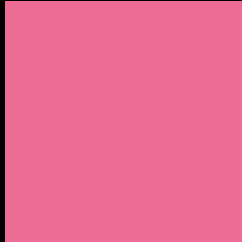
Large Text (above 18pt) WCAG AA × Fail

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 151.1310, -1.5436, 75.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

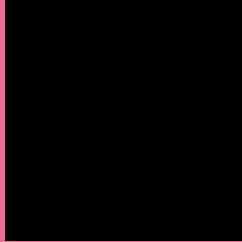
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.1310, -1.5436, 75.3071

Background



This preview shows how black text looks on a background with the YUV color 151.1310, -1.5436, 75.3071.



This preview shows how white text looks on a background with the YUV color 151.1310, -1.5436,

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

151.1310, -1.5436, 75.3071

Protanopia

151.7250, 10.4886, -4.1438

Deuteranopia

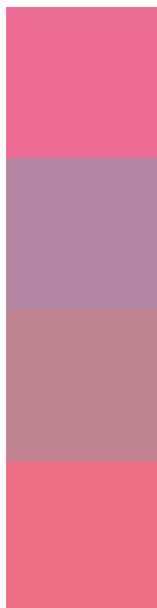
152.4210, -5.1376, 14.5398



Tritanopia

150.3900, -14.4893, 74.2030

Trichromacy



Original Color

151.1310, -1.5436, 75.3071

Protanomaly

151.7610, 6.0338, 24.7656

Deuteranomaly

151.9060, -3.8977, 36.9164

Tritanomaly

150.6550, -9.6899, 74.8476

Monochromacy



Original Color

151.1310, -1.5436, 75.3071

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7630, -0.3762, 27.3948

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1310, -1.5436, 75.3071 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(237, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(237, 108, 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(237, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 108, 148) }
```

Border

The CSS property to change the border of an element to YUV 151.1310, -1.5436, 75.3071 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(237, 108, 148) }
```


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

```
.border{ border-color:rgb(237, 108, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(237, 108,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 151.1310, -1.5436, 75.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 108, 148) }
```

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

```
.background{ background-color: rgb(237,  
108, 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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