

Converting Colors

YUV(150.7180, -1.8330,
74.7923)

Have a look what the booklet for
YUV(150.7180, -1.8330, 74.7923)
contains.

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Color

**YUV(150.7180, -1.8330,
74.7923)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6C93
RGB	236, 108, 147
RGB Percent	93%, 42%, 58%
CMY	0.0745, 0.5765, 0.4235
CMYK	0.00, 0.54, 0.38, 0.07
HSL	342°, 77%, 67%
HSV	342°, 54%, 93%
XYZ	45.2211, 30.6646, 31.1392
YIQ	150.7180, 63.7690, 39.2650

Conversions

Conversions Part 2

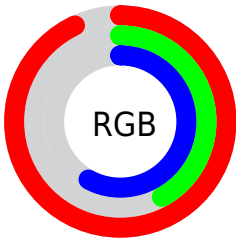
Format	Color
R _Y B	236, 108, 147
Decimal	15494291
CIE Lab	62.22, 53.17, 3.10
CIE LCh	62, 53.255, 3.336
Yxy	30.6646, 0.4225, 0.2865
Android (android.graphics.Color)	4293684371 (0xFFEC6C93)
YUV	150.7180, -1.8330, 74.7923
Hunter-Lab	55.3756, 48.8602, 5.4225

Details

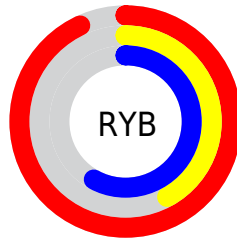
The YUV color **150.7180, -1.8330, 74.7923** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **193.2820, 1.8330, -74.7923**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8400, 3.0369, 52.7603**, and **94.7930, 1.0881, 71.2185** is the 20% darker color. If you saturate the color by 10%, you get **134.8060, -1.8764, 88.7471**, and if you desaturate by 10%, it is **166.6300, -1.7896, 60.8375**.

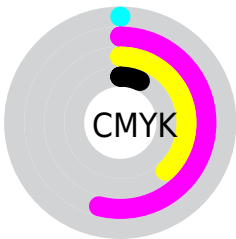
Distribution



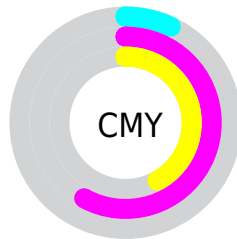
- Red (93%)
- Green (42%)
- Blue (58%)



- 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 150.7180, -1.8330, 74.7923 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 150.7180, -1.8330, 74.7923 by changing the saturation by 10% instead.


 150.7180, -1.8330,
74.7923

 150.7180, -1.8330,
74.7923

255.0000, 0.0000,
0.0000


 122.9350, -0.9540,
72.8480

 194.8400, 3.0369,
52.7603


 94.7930, 1.0881,
71.2185


 215.0550, 6.8749,
35.0318

 63.4280, 4.7190,
73.2926

 234.4550, 10.1287,
18.0180

 41.3950, 4.7353,
68.0596

 252.0650, 1.4470,
2.5740

 30.3300, -0.1627,
52.3306

 19.7770, -8.2711,
39.6606

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 150.7180, -1.8330,
74.7923

■ 150.7180, -1.8330,
74.7923

■ 134.8060, -1.8764,
88.7471

■ 166.6300, -1.7896,
60.8375

■ 119.3670, -2.6459,
102.2871

■ 182.0690, -1.0200,
47.2975

■ 103.4550, -2.6893,
116.2420

■ 197.9810, -0.9766,
33.3427

■ 88.0160, -3.4589,
129.7820

■ 213.4200, -0.2071,
19.8027

■ 78.7720, -3.3386,
137.8890

■ 229.3320, -0.1637,
5.8478

■ 245.2440, -0.1203,
-8.1070

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



154.1830, 19.6298, 50.7055



150.7180, -1.8330, 74.7923



148.6860, -23.5092, 73.9434

Triad

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



150.7180, -1.8330, 74.7923



140.0960, -36.0363, -14.9932



124.1180, 54.1718, -108.8515

Complementary

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



150.7180, -1.8330, 74.7923



193.2820, 1.8330, -74.7923

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



150.7180, -1.8330, 74.7923



127.4220, -10.5610, -66.1451

Square

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



150.7180, -1.8330, 74.7923



145.1780, -46.9228, 23.5229



119.6940, 16.9129, -104.9716



136.8660, 53.3101, -65.6575

Rectangle

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



150.7180, -1.8330, 74.7923



148.2920, -36.1330, 62.8879



119.6940, 16.9129, -104.9716



124.8530, 49.3725, -109.4961

Sweetspot

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



150.7180, -1.8330, 74.7923



227.7410, -0.3653, 23.9061



148.6050, 43.0857, 40.6884



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.



150.7180, -1.8330, 74.7923



144.4480, -2.1929, 96.9541



159.7730, -25.5241, 66.8511



109.6310, -0.3111, 6.4626



60.3890, -2.6568, 105.7758



17.9700, -0.9712, 31.5983

Inverse Universe

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



150.7180, -1.8330, 74.7923



144.4480, -2.1929, 96.9541



184.2270, 25.5241, -66.8511



109.6310, -0.3111, 6.4626



60.3890, -2.6568, 105.7758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 150.7180, -1.8330, 74.7923 looks on a white background.

Color Contrast Check

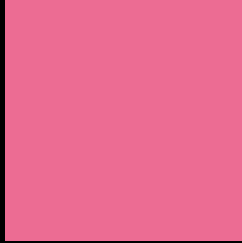
Large Text (above 18pt) WCAG AA × Fail

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 150.7180, -1.8330, 74.7923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

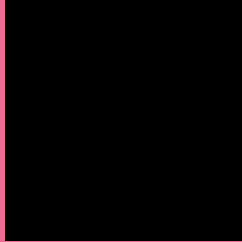
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.7180, -1.8330, 74.7923

Background



This preview shows how black text looks on a background with the YUV color 150.7180, -1.8330, 74.7923.



This preview shows how white text looks on a background with the YUV color 150.7180, -1.8330,

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

150.7180, -1.8330, 74.7923

Protanopia

151.6110, 10.0518, -4.0438

Deuteranopia

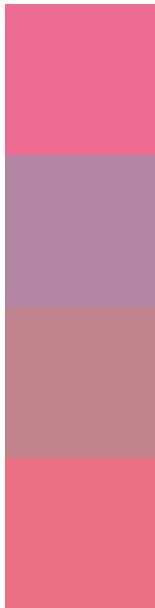
152.3070, -5.5744, 14.6398



Tritanopia

150.0910, -14.3419, 73.5882

Trichromacy



Original Color

150.7180, -1.8330, 74.7923

Protanomaly

151.3480, 5.7444, 24.2508

Deuteranomaly

151.4930, -4.1870, 36.4016

Tritanomaly

150.2420, -9.9793, 74.3328

Monochromacy



Original Color

150.7180, -1.8330, 74.7923

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 150.7180, -1.8330, 74.7923 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(236, 108, 147)` looks like.

```
.text, #text, p{  
    color:rgb(236, 108, 147)  
}
```

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(236, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 108, 147) }
```

Border

The CSS property to change the border of an element to YUV 150.7180, -1.8330, 74.7923 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(236, 108, 147) }
```


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

```
.border{ border-color:rgb(236, 108, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 108, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(236, 108,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 150.7180, -1.8330, 74.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 108, 147) }
```

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

```
.background{ background-color: rgb(236,  
108, 147) }
```

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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