

Converting Colors

YUV(154.9160, 7.9294, 70.2337)

Have a look what the booklet for
YUV(154.9160, 7.9294, 70.2337)
contains.

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Color

**YUV(154.9160, 7.9294,
70.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6FAB
RGB	235, 111, 171
RGB Percent	92%, 44%, 67%
CMY	0.0784, 0.5647, 0.3294
CMYK	0.00, 0.53, 0.27, 0.08
HSL	331°, 76%, 68%
HSV	331°, 53%, 92%
XYZ	47.2961, 31.9713, 42.2064
YIQ	154.9160, 54.6440, 44.9480

Conversions

Conversions Part 2

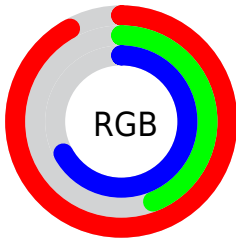
Format	Color
R _Y B	235, 111, 171
Decimal	15429547
CIE Lab	63.32, 54.32, -9.07
CIE LCh	63, 55.075, 350.522
Yxy	31.9713, 0.3894, 0.2632
Android (android.graphics.Color)	4293619627 (0xFFEB6FAB)
YUV	154.9160, 7.9294, 70.2337
Hunter-Lab	56.5432, 50.3574, -4.6765

Details

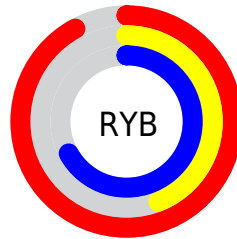
The YUV color **154.9160, 7.9294, 70.2337** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **191.0840, -7.9294, -70.2337**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4510, 13.0887, 48.7165**, and **99.0620, 9.8294, 67.4746** is the 20% darker color. If you saturate the color by 10%, you get **140.0470, 9.3438, 83.2738**, and if you desaturate by 10%, it is **170.3720, 6.2256, 56.6788**.

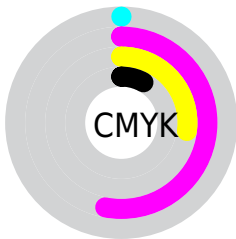
Distribution



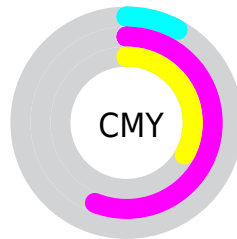
- Red (92%)
- Green (44%)
- Blue (67%)



- Red (92%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9160, 7.9294, 70.2337 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 154.9160, 7.9294, 70.2337 by changing the saturation by 10% instead.

154.9160, 7.9294,
70.2337

154.9160, 7.9294,
70.2337

255.0000, 0.0000,
0.0000

127.0190, 8.3716,
68.3893

199.4510, 13.0887,
48.7165

99.0620, 9.8294,
67.4746

219.7800, 17.3635,
30.8879

68.1700, 12.7342,
69.1339

236.8030, 8.9711,
15.9588

43.6750, 13.4712,
66.0600

253.8260, 0.5788,
1.0296

32.9800, 7.4049,
51.7605

22.6270, 2.6489,
37.1611

11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 154.9160, 7.9294,
70.2337

■ 154.9160, 7.9294,
70.2337

■ 140.0470, 9.3438,
83.2738

■ 170.3720, 6.2256,
56.6788

■ 124.5910, 11.0476,
96.8287

■ 185.2410, 4.8112,
43.6386

■ 109.7220, 12.4621,
109.8688

■ 200.6970, 3.1074,
30.0837

■ 94.1520, 13.7291,
123.5237

■ 215.6800, 2.1298,
16.9436

■ 83.2610, 15.1543,
133.0751

■ 230.5490, 0.7153,
3.9035

■ 246.0050, -0.9885,
-9.6514

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



157.7880, 28.6985, 35.2659



154.9160, 7.9294, 70.2337



151.7220, -14.6529, 80.0508

Triad

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



154.9160, 7.9294, 70.2337



144.7300, -44.2369, 1.9908



127.5430, 49.5253, -111.8552

Complementary

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



154.9160, 7.9294, 70.2337



191.0840, -7.9294, -70.2337

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.



125.1030, 30.0222, -109.7153



154.9160, 7.9294, 70.2337



136.7210, -24.0195, -42.7283

Square

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



154.9160, 7.9294, 70.2337



148.6360, -48.1345, 38.9072



118.8160, 8.4717, -104.2016



124.1810, 62.0288, -108.9067

Rectangle

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



154.9160, 7.9294, 70.2337



151.1930, -29.1821, 73.4987



118.8160, 8.4717, -104.2016



127.3490, 43.7049, -111.6851

Sweetspot

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



154.9160, 7.9294, 70.2337



228.5390, 2.6923, 23.2063



143.6740, 45.0237, 25.7189



111.8430, 1.5564, 14.1697



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.



154.9160, 7.9294, 70.2337



151.0310, 10.3377, 91.1808



148.0760, -18.2785, 76.2323



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Inverse Universe

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



154.9160, 7.9294, 70.2337



151.0310, 10.3377, 91.1808



197.9240, 18.2785, -76.2323



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 154.9160, 7.9294, 70.2337 looks on a white background.

Color Contrast Check

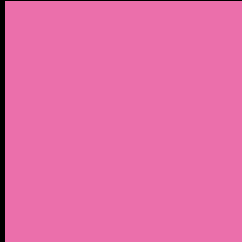
Large Text (above 18pt) WCAG AA × Fail

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 154.9160, 7.9294, 70.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

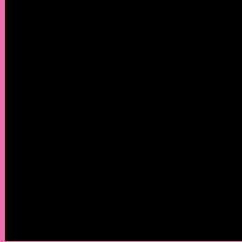
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9160, 7.9294, 70.2337

Background



This preview shows how black text looks on a background with the YUV color 154.9160, 7.9294, 70.2337.



This preview shows how white text looks on a background with the YUV color 154.9160, 7.9294,

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

154.9160, 7.9294, 70.2337

Protanopia

154.2540, 21.5668, -10.7468

Deuteranopia

155.3090, 4.7777, 7.6220



Tritanopia

154.1010, -12.8678, 67.4404

Trichromacy



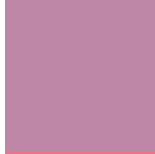
Original Color

154.9160, 7.9294, 70.2337



Protanomaly

154.4750, 16.5278, 18.8774



Deuteranomaly

155.0930, 5.8702, 30.6134



Tritanomaly

154.4630, -5.1583, 67.9999

Monochromacy



Original Color

154.9160, 7.9294, 70.2337



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.9630, 2.9762, 25.4654

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9160, 7.9294, 70.2337 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(235, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 111, 171)  
}
```

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(235, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 111, 171) }
```

Border

The CSS property to change the border of an element to YUV 154.9160, 7.9294, 70.2337 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(235, 111, 171) }
```


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

```
.border{ border-color:rgb(235, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 111,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 154.9160, 7.9294, 70.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 111, 171) }
```

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

```
.background{ background-color: rgb(235,  
111, 171) }
```

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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