

Converting Colors

YUV(154.3040, -0.6429,
66.3854)

Have a look what the booklet for
YUV(154.3040, -0.6429, 66.3854)
contains.

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Color

**YUV(154.3040, -0.6429,
66.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	E67499
RGB	230, 116, 153
RGB Percent	90%, 45%, 60%
CMY	0.0980, 0.5451, 0.4000
CMYK	0.00, 0.50, 0.33, 0.10
HSL	341°, 70%, 68%
HSV	341°, 50%, 90%
XYZ	44.6283, 31.6137, 33.8869
YIQ	154.3040, 56.0670, 35.6750

Conversions

Conversions Part 2

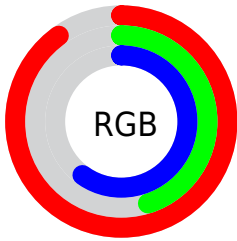
Format	Color
R _Y B	230, 116, 153
Decimal	15103129
CIE Lab	63.02, 48.01, 0.71
CIE LCh	63, 48.014, 0.847
Yxy	31.6137, 0.4052, 0.2871
Android (android.graphics.Color)	4293293209 (0xFFE67499)
YUV	154.3040, -0.6429, 66.3854
Hunter-Lab	56.2260, 43.2852, 3.6247

Details

The YUV color $154.3040, -0.6429, 66.3854$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $191.6960, 0.6429, -66.3854$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.2200, 3.3425, 48.0421$, and $99.7380, 1.1152, 62.4968$ is the 20% darker color. If you saturate the color by 10%, you get $138.9790, -0.9756, 79.8254$, and if you desaturate by 10%, it is $169.6290, -0.3101, 52.9454$.

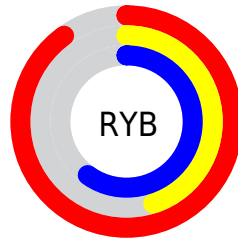
Distribution



Red (90%)

Green (45%)

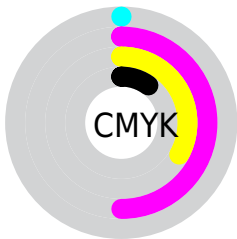
Blue (60%)



Red (90%)

Yellow (45%)

Blue (60%)

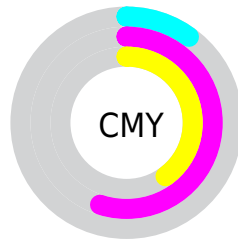


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (10%)



Cyan (10%)


Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.3040, -0.6429, 66.3854 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 154.3040, -0.6429, 66.3854 by changing the saturation by 10% instead.

 154.3040, -0.6429,
66.3854


 154.3040, -0.6429,
66.3854


255.0000, 0.0000,
0.0000


 126.5210, 0.2361,
64.4411


 200.2200, 3.3425,
48.0421

 99.7380, 1.1152,
62.4968


 219.8480, 7.4699,
30.8283

 72.1940, 2.8624,
62.0969

 239.1510, 7.8136,
13.8996

 40.7690, 7.5089,
65.1006

 29.8890, 2.0267,
50.0863

 19.9060, -3.8977,
36.9164

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 154.3040, -0.6429,
66.3854

■ 154.3040, -0.6429,
66.3854

■ 138.9790, -0.9756,
79.8254

■ 169.6290, -0.3101,
52.9454

■ 123.7680, -0.8716,
93.1655

■ 184.8400, -0.4141,
39.6053

■ 108.4430, -1.2044,
106.6055

■ 200.1650, -0.0813,
26.1653

■ 93.2320, -1.1004,
119.9455

■ 215.3760, -0.1854,
12.8252

■ 77.9070, -1.4332,
133.3856

■ 230.7010, 0.1474,
-0.6148

■ 77.3200, -1.1438,
133.9004

■ 245.9120, 0.0434,
-13.9548

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



157.1990, 18.6359, 42.7985



154.3040, -0.6429, 66.3854



152.4510, -20.4353, 68.0105

Triad

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



154.3040, -0.6429, 66.3854



144.1120, -33.5792, -9.7452



124.3800, 50.0987, -109.0813

Complementary

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



154.3040, -0.6429, 66.3854



191.6960, 0.6429, -66.3854

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.



123.7810, 35.1110, -108.5559



154.3040, -0.6429, 66.3854



135.5270, -13.0778, -52.2052

Square

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



154.3040, -0.6429, 66.3854



148.5570, -41.6866, 24.0675



119.4660, 16.0393, -104.7717



141.4170, 47.6154, -59.1247

Rectangle

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



154.3040, -0.6429, 66.3854



151.8230, -31.4647, 58.9142



119.4660, 16.0393, -104.7717



124.6420, 46.0255, -109.3110

Sweetspot

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



154.3040, -0.6429, 66.3854



229.7300, -0.3599, 22.1618



151.7200, 38.5920, 35.3256



112.6750, -0.3328, 13.4400



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.



154.3040, -0.6429, 66.3854



155.3220, -1.1447, 87.4176



161.2390, -22.3028, 60.3034



107.0440, -0.0217, 6.9774



60.1330, -1.0516, 104.2464



17.1870, -0.0922, 29.6540

Inverse Universe

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



154.3040, -0.6429, 66.3854



155.3220, -1.1447, 87.4176



184.7610, 22.3028, -60.3034



107.0440, -0.0217, 6.9774



60.1330, -1.0516, 104.2464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 154.3040, -0.6429, 66.3854 looks on a white background.

Color Contrast Check

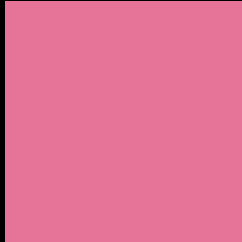
Large Text (above 18pt) WCAG AA × Fail

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 154.3040, -0.6429, 66.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

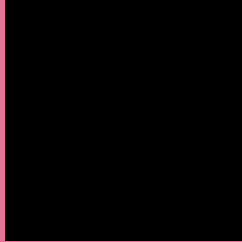
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3040, -0.6429, 66.3854

Background



This preview shows how black text looks on a background with the YUV color 154.3040, -0.6429, 66.3854.



This preview shows how white text looks on a background with the YUV color 154.3040, -0.6429,

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

154.3040, -0.6429, 66.3854

Protanopia

153.7250, 10.4886, -4.1438

Deuteranopia

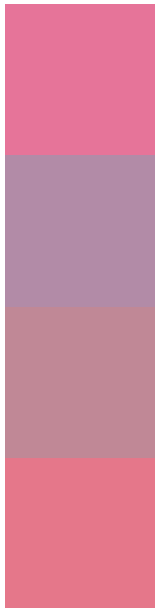
154.5780, -3.2430, 13.5251



Tritanopia

153.3180, -11.9888, 65.4961

Trichromacy



Original Color

154.3040, -0.6429, 66.3854

Protanomaly

153.8530, 6.4815, 21.1769

Deuteranomaly

154.3400, -2.1396, 33.0278

Tritanomaly

154.0560, -7.9156, 65.7259

Monochromacy



Original Color

154.3040, -0.6429, 66.3854

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1540, -0.0759, 24.4209

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3040, -0.6429, 66.3854 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(230, 116, 153)` looks like.

```
.text, #text, p{  
    color:rgb(230, 116, 153)  
}
```

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(230, 116, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 116, 153) }
```

Border

The CSS property to change the border of an element to YUV 154.3040, -0.6429, 66.3854 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(230, 116, 153) }
```


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

```
.border{ border-color:rgb(230, 116, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 116, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 116, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 116, 153);  
box-shadow:4px 4px 4px 4px rgb(230, 116,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 154.3040, -0.6429, 66.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 116, 153) }
```

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

```
.background{ background-color: rgb(230,  
116, 153) }
```

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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