

Converting Colors

YUV(152.6730, 40.0942,
66.9388)

Have a look what the booklet for
YUV(152.6730, 40.0942, 66.9388)
contains.

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Color

**YUV(152.6730, 40.0942,
66.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	E562EA
RGB	229, 98, 234
RGB Percent	90%, 38%, 92%
CMY	0.1020, 0.6157, 0.0824
CMYK	0.02, 0.58, 0.00, 0.08
HSL	298°, 76%, 65%
HSV	298°, 58%, 92%
XYZ	51.5321, 31.3339, 81.1739
YIQ	152.6730, 34.4200, 70.0680

Conversions

Conversions Part 2

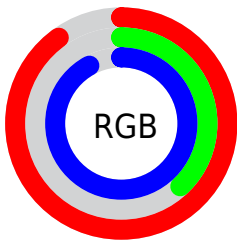
Format	Color
R _{YB}	229, 98, 234
Decimal	15033066
CIE _{Lab}	62.79, 68.10, -45.51
CIE _{LCh}	63, 81.908, 326.249
Yxy	31.3339, 0.3141, 0.1910
Android (android.graphics.Color)	4293223146 (0xFFE562EA)
YUV	152.6730, 40.0942, 66.9388
Hunter-Lab	55.9767, 66.3677, -46.7950

Details

The YUV color **152.6730, 40.0942, 66.9388** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **179.3270, -40.0942, -66.9388**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3000, 28.9391, 51.4799**, and **92.2540, 42.2728, 68.1832** is the 20% darker color. If you saturate the color by 10%, you get **138.8730, 46.8976, 78.1644**, and if you desaturate by 10%, it is **166.4730, 33.2908, 55.7132**.

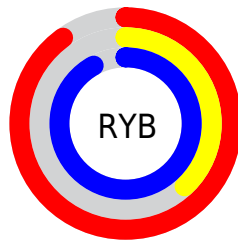
Distribution



Red (90%)

Green (38%)

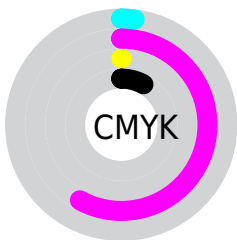
Blue (92%)



Red (90%)

Yellow (38%)

Blue (92%)

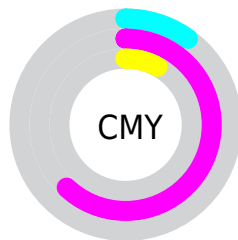


Cyan (2%)

Magenta (58%)

Yellow (0%)

Black (8%)



Cyan (10%)


Magenta (62%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6730, 40.0942, 66.9388 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 152.6730, 40.0942, 66.9388 by changing the saturation by 10% instead.

 152.6730, 40.0942,
66.9388


 152.6730, 40.0942,
66.9388


255.0000, 0.0000,
0.0000


 123.3740, 40.2416,
66.3240


 196.3000, 28.9391,
51.4799

 92.2540, 42.2728,
68.1832


 213.3230, 20.5468,
36.5507


 59.6720, 45.0247,
72.2017

 230.3460, 12.1544,
21.6216

 48.2220, 37.3586,
57.6873

 247.3690, 3.7621,
6.6924

 37.0000, 30.5660,
42.9730

 26.3760, 23.4786,
29.4882

 15.3820, 17.5597,

14.5740

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 152.6730, 40.0942,
66.9388

■ 152.6730, 40.0942,
66.9388

■ 138.8730, 46.8976,
78.1644

■ 166.4730, 33.2908,
55.7132

■ 124.4860, 53.9904,
89.9048

■ 180.8600, 26.1980,
43.9728

■ 110.6860, 60.7938,
101.1304

■ 194.6600, 19.3946,
32.7472

■ 96.5980, 67.7392,
113.4856

■ 208.7480, 12.4492,
20.3920

93.9510, 69.0442,
114.9300

222.5480, 5.6458,
9.1664

236.3480, -1.1576,
-2.0592

246.6260, -6.2246,
-10.1960

246.9250, -6.3720,
-9.5812

247.2240, -6.5194,
-8.9664

Harmonies

Analogous

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



146.8640, 53.3110, -19.1747



152.6730, 40.0942, 66.9388



133.0960, 15.2357, 106.9098

Triad

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



152.6730, 40.0942, 66.9388



142.8110, -70.4058, 42.2618



132.5180, 40.6636, -116.2183

Complementary

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



152.6730, 40.0942, 66.9388



179.3270, -40.0942, -66.9388

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.



123.3810, 8.1932, -108.2051



152.6730, 40.0942, 66.9388



133.6210, -65.8752, -11.0686

Square

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



152.6730, 40.0942, 66.9388



141.6980, -61.9691, 89.7189



111.7820, -23.5565, -98.0328



134.1430, 59.5825, -117.6434

Rectangle

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



152.6730, 40.0942, 66.9388



128.7980, -6.3094, 110.6792



111.7820, -23.5565, -98.0328



129.7820, 30.1805, -113.8188

Sweetspot

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



152.6730, 40.0942, 66.9388



229.1610, 12.7386, 20.9068



117.6130, 57.3788, -17.2006



112.4390, 7.6716, 12.7700



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.



152.6730, 40.0942, 66.9388



148.4210, 52.5434, 87.3308



147.2140, 12.7125, 76.1113



110.5430, 3.1833, 5.6628



72.6600, 53.4116, 88.8752



21.7040, 15.9219, 26.5696

Inverse Universe

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



139.2340, -17.8634, 83.1098



130.9060, -23.6177, 108.8304



184.7860, -12.7125, -76.1113



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 152.6730, 40.0942, 66.9388 looks on a white background.

Color Contrast Check

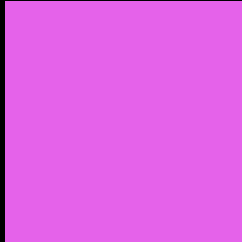
Large Text (above 18pt) WCAG AA × Fail

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 152.6730, 40.0942, 66.9388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

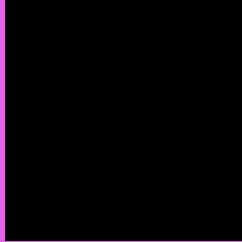
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.6730, 40.0942, 66.9388

Background



This preview shows how black text looks on a background with the YUV color 152.6730, 40.0942, 66.9388.



This preview shows how white text looks on a background with the YUV color 152.6730, 40.0942, 66.9388.

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

152.6730, 40.0942, 66.9388

Protanopia

148.5260, 52.4917, -36.4183

Deuteranopia

150.4660, 36.7453, -25.8417



Tritanopia

153.5340, -9.6303, 55.6597

Trichromacy



Original Color

152.6730, 40.0942, 66.9388



Protanomaly

149.6170, 48.0098, 1.2129



Deuteranomaly

151.3160, 37.8052, 7.6159



Tritanomaly

152.9640, 8.3987, 59.6676

Monochromacy



Original Color

152.6730, 40.0942, 66.9388



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9380, 14.3276, 24.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6730, 40.0942, 66.9388 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(229, 98, 234)` looks like.

```
.text, #text, p{  
    color:rgb(229, 98, 234)  
}
```

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(229, 98, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 98, 234) }
```

Border

The CSS property to change the border of an element to YUV 152.6730, 40.0942, 66.9388 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(229, 98, 234) }
```


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

```
.border{ border-color:rgb(229, 98, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 98, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 98, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 98, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 98,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 152.6730, 40.0942, 66.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 98, 234) }
```

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

```
.background{ background-color: rgb(229, 98,  
234) }
```

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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