

Converting Colors

YUV(163.3140, 37.8062,
54.0986)

Have a look what the booklet for
YUV(163.3140, 37.8062, 54.0986)
contains.

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Color

**YUV(163.3140, 37.8062,
54.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	E175F0
RGB	225, 117, 240
RGB Percent	88%, 46%, 94%
CMY	0.1176, 0.5412, 0.0588
CMYK	0.06, 0.51, 0.00, 0.06
HSL	293°, 80%, 70%
HSV	293°, 51%, 94%
XYZ	53.1408, 35.0214, 86.3971
YIQ	163.3140, 24.8850, 61.1490

Conversions

Conversions Part 2

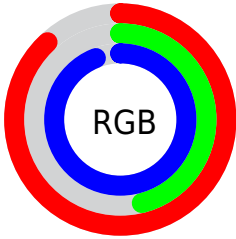
Format	Color
R _Y B	225, 117, 240
Decimal	14775792
CIE Lab	65.77, 59.47, -44.18
CIE LCh	66, 74.088, 323.390
Yxy	35.0214, 0.3044, 0.2006
Android (android.graphics.Color)	4292965872 (0xFFE175F0)
YUV	163.3140, 37.8062, 54.0986
Hunter-Lab	59.1789, 56.7244, -45.1341

Details

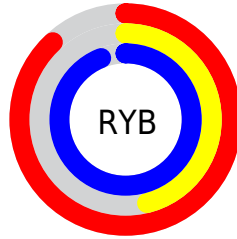
The YUV color **163.3140, 37.8062, 54.0986** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **193.6860, -37.8062, -54.0986**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **107.1890, 37.3748, 52.4542** is the 20% darker color. If you saturate the color by 10%, you get **148.3290, 45.1938, 64.6095**, and if you desaturate by 10%, it is **178.2990, 30.4186, 43.5878**.

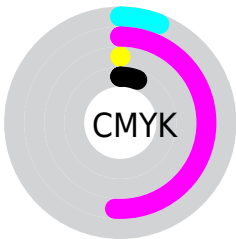
Distribution



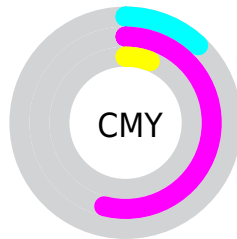
- Red (88%)
- Green (46%)
- Blue (94%)



- Red (88%)
- Yellow (46%)
- Blue (94%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)
- Black (6%)





- Cyan (12%)
- Magenta (54%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.3140, 37.8062, 54.0986 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 163.3140, 37.8062, 54.0986 by changing the saturation by 10% instead.


 163.3140, 37.8062,
54.0986


 163.3140, 37.8062,
54.0986


255.0000, 0.0000,
0.0000

 135.4880, 37.2274,
53.0690


 206.8660, 23.7301,
42.2135


 107.1890, 37.3748,
52.4542


 223.3020, 15.6271,
27.7991

 77.5420, 38.6798,
53.8987

 240.3250, 7.2348,
12.8700

 48.0090, 40.4216,
55.2431

 36.9720, 33.0448,
41.2436

 26.3480, 25.9574,
27.7588

 15.9520, 19.7437,

14.0741

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 163.3140, 37.8062,
54.0986

■ 163.3140, 37.8062,
54.0986

■ 148.3290, 45.1938,
64.6095

■ 178.2990, 30.4186,
43.5878

■ 133.3440, 52.5814,
75.1203

■ 193.2840, 23.0310,
33.0769

■ 118.3590, 59.9690,
85.6312

■ 208.2690, 15.6434,
22.5661

■ 103.3740, 67.3566,
96.1420

■ 223.2540, 8.2558,
12.0552

90.4490, 73.7286,
105.7232

238.2390, 0.8682,
1.5444

249.7020, -4.7831,
-5.8777

250.3000, -5.0779,
-4.6481

251.1970, -5.5201,
-2.8038

252.0940, -5.9623,
-0.9594

Harmonies

Analogous

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



154.2180, 49.6855, -22.9932



163.3140, 37.8062, 54.0986



150.4270, 13.1005, 91.7105

Triad

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



163.3140, 37.8062, 54.0986



149.9210, -73.9111, 46.5503



135.5840, 37.1801, -118.9072

Complementary

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



163.3140, 37.8062, 54.0986



193.6860, -37.8062, -54.0986

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.



127.1310, 7.3304, -111.4939



163.3140, 37.8062, 54.0986



143.1230, -70.5596, -1.8619

Square

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



163.3140, 37.8062, 54.0986



153.6510, -50.6069, 85.3751



127.9200, -26.0896, -78.8598



137.6650, 57.8462, -120.7322

Rectangle

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



163.3140, 37.8062, 54.0986



144.8240, -5.8292, 96.6244



127.9200, -26.0896, -78.8598



133.0760, 27.5705, -116.7077

Sweetspot

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



163.3140, 37.8062, 54.0986



231.1990, 11.7339, 16.4885



140.4140, 49.0959, -20.5341



113.6020, 7.0982, 9.9960



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.



163.3140, 37.8062, 54.0986



156.5730, 48.5245, 69.6575



162.6690, 15.9392, 67.8193



112.3580, 3.7675, 4.9480



69.1150, 56.6383, 80.5831



21.0350, 17.2377, 24.5253

Inverse Universe

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



155.4870, -11.5791, 74.1179



146.4080, -14.9911, 95.2352



194.3310, -15.9392, -67.8193



111.7020, -1.3321, 7.2773



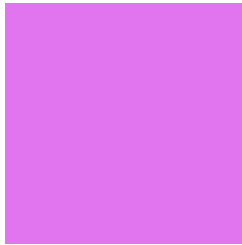
57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 163.3140, 37.8062, 54.0986 looks on a white background.

Color Contrast Check

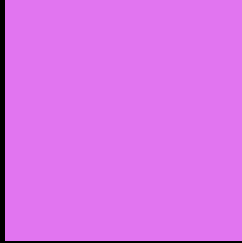
Large Text (above 18pt) WCAG AA × Fail

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 163.3140, 37.8062, 54.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

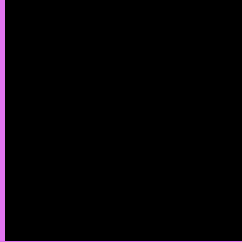
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3140, 37.8062, 54.0986

Background



This preview shows how black text looks on a background with the YUV color 163.3140, 37.8062, 54.0986.



This preview shows how white text looks on a background with the YUV color 163.3140, 37.8062, 54.0986.

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

163.3140, 37.8062, 54.0986

Protanopia

157.7070, 47.9654, -31.3150

Deuteranopia

158.9500, 36.0136, -24.5122



Tritanopia

162.3800, -6.1033, 44.3937

Trichromacy



Original Color

163.3140, 37.8062, 54.0986



Protanomaly

159.3950, 44.6683, -0.3464



Deuteranomaly

160.6530, 36.6531, 3.8123



Tritanomaly

162.6420, 10.0365, 47.6720

Monochromacy



Original Color

163.3140, 37.8062, 54.0986



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0900, 13.7596, 20.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3140, 37.8062, 54.0986 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(225, 117, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 117, 240)  
}
```

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(225, 117, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 117, 240) }
```

Border

The CSS property to change the border of an element to YUV 163.3140, 37.8062, 54.0986 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(225, 117, 240) }
```


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

```
.border{ border-color:rgb(225, 117, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 117, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 117, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 117, 240); box-shadow:4px 4px 4px 4px rgb(225, 117, 240) }
```

Background

The CSS property to change the background color of an element to YUV 163.3140, 37.8062, 54.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 117, 240) }
```

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

```
.background{ background-color: rgb(225,  
117, 240) }
```

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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