

Converting Colors

YUV(161.2750, 43.7414,
63.7798)

Have a look what the booklet for
YUV(161.2750, 43.7414, 63.7798)
contains.

YUV(161.2750, 43.7414, 63.7798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(161.2750, 43.7414,
63.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6BFA
RGB	234, 107, 250
RGB Percent	92%, 42%, 98%
CMY	0.0824, 0.5804, 0.0196
CMYK	0.06, 0.57, 0.00, 0.02
HSL	293°, 93%, 70%
HSV	293°, 57%, 98%
XYZ	56.4447, 34.9099, 94.2058
YIQ	161.2750, 29.7890, 71.3970

Conversions

Conversions Part 2

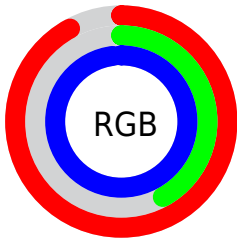
Format	Color
RYB	234, 107, 250
Decimal	15363066
CIELab	65.68, 68.21, -49.75
CIELCh	66, 84.427, 323.894
Yxy	34.9099, 0.3042, 0.1881
Android (android.graphics.Color)	4293553146 (0xFFEA6BFA)
YUV	161.2750, 43.7414, 63.7798
Hunter-Lab	59.0846, 67.1264, -53.1740

Details

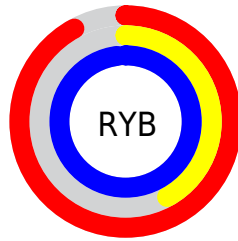
The YUV color **161.2750, 43.7414, 63.7798** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **195.7250, -43.7414, -63.7798**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5830, 26.3346, 46.8467**, and **101.9160, 44.9044, 64.0947** is the 20% darker color. If you saturate the color by 10%, you get **145.7030, 51.4184, 74.8055**, and if you desaturate by 10%, it is **176.8470, 36.0644, 52.7542**.

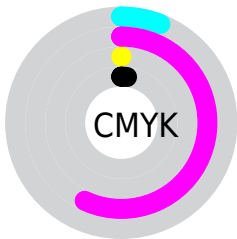
Distribution



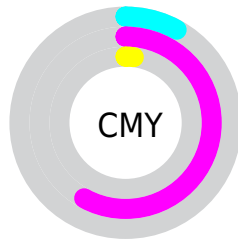
- Red (92%)
- Green (42%)
- Blue (98%)



- Red (92%)
- Yellow (42%)
- Blue (98%)



- Cyan (6%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)




- Cyan (8%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.2750, 43.7414, 63.7798 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 161.2750, 43.7414, 63.7798 by changing the saturation by 10% instead.


 161.2750, 43.7414,
63.7798


 161.2750, 43.7414,
63.7798


255.0000, 0.0000,
0.0000


 131.9760, 43.8888,
63.1650


 201.5830, 26.3346,
46.8467

 101.9160, 44.9044,
64.0947


 218.6060, 17.9422,
31.9175


 62.4640, 50.5502,
73.2611

 235.6290, 9.5499,
16.9884

 51.0140, 42.8841,
58.7467

 253.2390, 0.8682,
1.5444

 39.6780, 35.6547,
44.1324

 28.7550, 28.7148,
30.0329

 17.9460, 22.2116,

15.8334

■ 4.5600, 17.4719,
-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 161.2750, 43.7414,
63.7798

■ 161.2750, 43.7414,
63.7798

■ 145.7030, 51.4184,
74.8055

■ 176.8470, 36.0644,
52.7542

■ 130.1310, 59.0954,
85.8311

■ 192.4190, 28.3874,
41.7285

■ 114.8580, 66.6250,
97.4715

■ 207.6920, 20.8578,
30.0881

■ 99.2860, 74.3020,
108.4972

■ 223.2640, 13.1808,
19.0625

94.8780, 76.4751,
111.4860

238.8360, 5.5039,
8.0368

253.2340, -1.5944,
-1.9592

254.1310, -2.0366,
-0.1149

254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



150.0540, 51.7384, -28.1114



161.2750, 43.7414, 63.7798



138.2140, 19.6145, 102.4213

Triad

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



161.2750, 43.7414, 63.7798



149.9320, -73.9165, 48.2946



138.2570, 39.8063, -121.2514

Complementary

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



161.2750, 43.7414, 63.7798



195.7250, -43.7414, -63.7798

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.



128.7780, 6.0254, -112.9383



161.2750, 43.7414, 63.7798



141.6170, -69.8172, -6.6801

Square

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



161.2750, 43.7414, 63.7798



148.1160, -59.2172, 93.7373



116.1360, -27.1820, -101.8513



139.4260, 56.9780, -122.2766

Rectangle

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



161.2750, 43.7414, 63.7798



132.5140, -2.2254, 107.4202



116.1360, -27.1820, -101.8513



135.4070, 28.8863, -118.7519

Sweetspot

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



161.2750, 43.7414, 63.7798



228.2640, 13.1808, 19.0625



133.2810, 57.5425, -23.0484



111.8410, 7.9664, 11.5404



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.



161.2750, 43.7414, 63.7798



145.7080, 53.8810, 78.3091



159.7890, 17.3590, 79.1150



117.0700, 3.9095, 6.0776



71.7780, 57.7904, 84.3867



23.1000, 18.6847, 27.0993

Inverse Universe

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



151.5810, -14.0904, 86.3135



133.9040, -17.2077, 106.2012



197.2110, -17.3590, -79.1150



116.1150, -1.0427, 7.7921



58.9050, -18.6872, 114.0933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 161.2750, 43.7414, 63.7798 looks on a white background.

Color Contrast Check

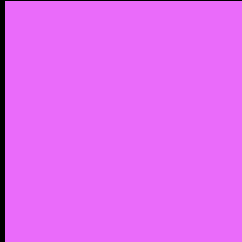
Large Text (above 18pt) WCAG AA × Fail

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 161.2750, 43.7414, 63.7798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

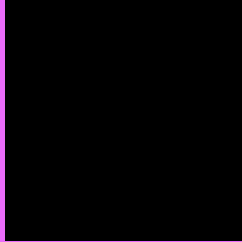
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.2750, 43.7414, 63.7798

Background



This preview shows how black text looks on a background with the YUV color 161.2750, 43.7414, 63.7798.



This preview shows how white text looks on a background with the YUV color 161.2750, 43.7414,

63.7798.

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

161.2750, 43.7414, 63.7798

Protanopia

157.4080, 48.1129, -31.9298

Deuteranopia

157.2850, 41.2715, -30.9449



Tritanopia

161.5550, -8.1616, 51.2563

Trichromacy



Original Color

161.2750, 43.7414, 63.7798



Protanomaly

158.8730, 46.4046, 2.7424



Deuteranomaly

158.7330, 42.0366, 3.7422



Tritanomaly

161.5120, 10.5936, 55.6790

Monochromacy



Original Color

161.2750, 43.7414, 63.7798



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.9810, 15.7854, 23.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2750, 43.7414, 63.7798 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(234, 107, 250)` looks like.

```
.text, #text, p{  
    color:rgb(234, 107, 250)  
}
```

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(234, 107, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 107, 250) }
```

Border

The CSS property to change the border of an element to YUV 161.2750, 43.7414, 63.7798 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(234, 107, 250) }
```


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

```
.border{ border-color:rgb(234, 107, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 107, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 107, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 107, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 107,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 161.2750, 43.7414, 63.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 107, 250) }
```

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

```
.background{ background-color: rgb(234,  
107, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor