

Converting Colors

YUV(156.6860, 33.6788,
71.3124)

Have a look what the booklet for
YUV(156.6860, 33.6788, 71.3124)
contains.

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Color

**YUV(156.6860, 33.6788,
71.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	EE66E1
RGB	238, 102, 225
RGB Percent	93%, 40%, 88%
CMY	0.0667, 0.6000, 0.1176
CMYK	0.00, 0.57, 0.05, 0.07
HSL	306°, 80%, 67%
HSV	306°, 57%, 93%
XYZ	53.6019, 33.1161, 74.8011
YIQ	156.6860, 41.5730, 67.0850

Conversions

Conversions Part 2

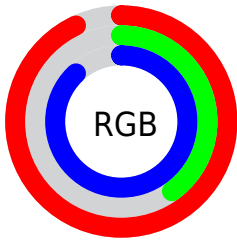
Format	Color
R _Y B	238, 102, 225
Decimal	15623905
CIE Lab	64.25, 67.17, -38.10
CIE LCh	64, 77.224, 330.435
Yxy	33.1161, 0.3319, 0.2050
Android (android.graphics.Color)	4293813985 (0xFFEE66E1)
YUV	156.6860, 33.6788, 71.3124
Hunter-Lab	57.5466, 65.5575, -36.7846

Details

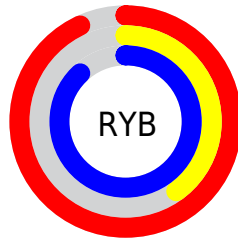
The YUV color **156.6860, 33.6788, 71.3124** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.3140, -33.6788, -71.3124**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **96.8540, 35.5680, 72.0420** is the 20% darker color. If you saturate the color by 10%, you get **142.3700, 39.7506, 83.8675**, and if you desaturate by 10%, it is **171.0020, 27.6070, 58.7572**.

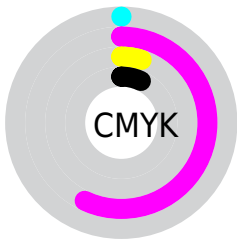
Distribution



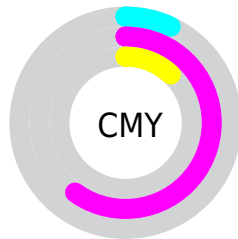
- Red (93%)
- Green (40%)
- Blue (88%)



- Red (93%)
- Yellow (40%)
- Blue (88%)



- Cyan (0%)
- Magenta (57%)
- Yellow (5%)
- Black (7%)




- Cyan (7%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.6860, 33.6788, 71.3124 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 156.6860, 33.6788, 71.3124 by changing the saturation by 10% instead.


 156.6860, 33.6788,
71.3124


 156.6860, 33.6788,
71.3124


255.0000, 0.0000,
0.0000


 127.5010, 34.2630,
70.5976


 198.6480, 27.7815,
49.4207

 96.8540, 35.5680,
72.0420


 215.6710, 19.3892,
34.4915

 61.0380, 39.9143,
78.0197

 232.6940, 10.9969,
19.5624

 49.7020, 32.6849,
63.4053

 250.3040, 2.3151,
4.1184

 38.4800, 25.8924,
48.6910

 27.9700, 19.2418,
35.1063

 17.2750, 13.1754,

20.8068

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 156.6860, 33.6788,
71.3124

■ 156.6860, 33.6788,
71.3124

■ 142.3700, 39.7506,
83.8675

■ 171.0020, 27.6070,
58.7572

■ 127.9400, 45.3856,
96.5226

■ 185.4320, 21.9720,
46.1021

■ 114.2110, 51.1680,
108.5630

■ 199.1610, 16.1896,
34.0618

■ 99.8950, 57.2398,
121.1181

■ 213.4770, 10.1178,
21.5067

95.6720, 58.8287,
124.8217

227.7930, 4.0461,
8.9515

242.2230, -1.5889,
-3.7036

248.3210, -3.6093,
-9.0515

248.5490, -2.7357,
-9.2515

248.7770, -1.8621,
-9.4514

Harmonies

Analogous

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



154.9370, 49.3311, -2.5757



156.6860, 33.6788, 71.3124



140.6300, 8.5634, 100.3025

Triad

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



156.6860, 33.6788, 71.3124



145.4250, -71.6945, 35.5843



134.7180, 44.0160, -118.1477

Complementary

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



156.6860, 33.6788, 71.3124



183.3140, -33.6788, -71.3124

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.



126.8520, 13.8770, -111.2492



156.6860, 33.6788, 71.3124



135.9470, -67.0219, -16.6165

Square

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



156.6860, 33.6788, 71.3124



147.4580, -61.3578, 80.2823



116.2960, -16.4149, -101.9916



134.7300, 59.2931, -118.1582

Rectangle

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



156.6860, 33.6788, 71.3124



138.9080, -13.2656, 101.8127



116.2960, -16.4149, -101.9916



132.7970, 34.1171, -116.4630

Sweetspot

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



156.6860, 33.6788, 71.3124



229.3030, 10.6966, 22.5363



120.7930, 57.7831, -6.8345



112.3960, 6.2138, 13.6847



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.



156.6860, 33.6788, 71.3124



149.7500, 43.5072, 92.3042



149.1620, 4.8501, 77.9109



112.8420, 3.0359, 6.2776



73.9400, 45.3856, 96.5226



22.5580, 14.0219, 29.3286

Inverse Universe

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



156.6860, 33.6788, 71.3124



149.7500, 43.5072, 92.3042



190.8380, -4.8501, -77.9109



112.8420, 3.0359, 6.2776



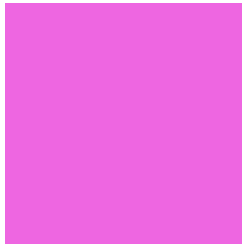
73.9400, 45.3856, 96.5226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 156.6860, 33.6788, 71.3124 looks on a white background.

Color Contrast Check

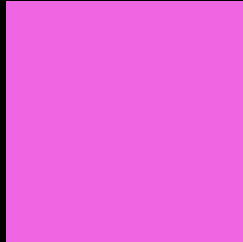
Large Text (above 18pt) WCAG AA × Fail

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 156.6860, 33.6788, 71.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

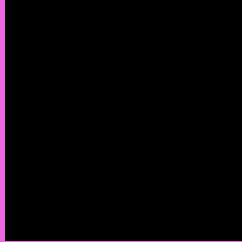
Any Text WCAG AA ✓ Pass

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 156.6860, 33.6788, 71.3124 Background



This preview shows how black text looks on a background with the YUV color 156.6860, 33.6788, 71.3124.



This preview shows how white text looks on a background with the YUV color 156.6860, 33.6788,

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

156.6860, 33.6788, 71.3124

Protanopia

153.2660, 50.1549, -33.5593

Deuteranopia

155.6860, 29.7348, -17.2646



Tritanopia

156.9370, -10.8149, 62.3223

Trichromacy



Original Color

156.6860, 33.6788, 71.3124



Protanomaly

154.3140, 44.2152, 4.9866



Deuteranomaly

155.9380, 31.0896, 14.9634



Tritanomaly

157.1990, 5.3249, 65.6005

Monochromacy



Original Color

156.6860, 33.6788, 71.3124



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.7810, 12.4330, 25.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6860, 33.6788, 71.3124 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(238, 102, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 102, 225)  
}
```

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(238, 102, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 102, 225) }
```

Border

The CSS property to change the border of an element to YUV 156.6860, 33.6788, 71.3124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

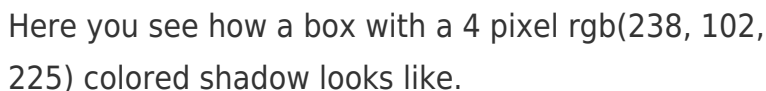
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 102, 225) }
```


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

```
.border{ border-color:rgb(238, 102, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 102, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 102, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 102, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 102,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 156.6860, 33.6788, 71.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 102, 225) }
```

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

```
.background{ background-color: rgb(238,  
102, 225) }
```

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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