

Converting Colors

YUV(156.4130, 34.3064,
56.6428)

Have a look what the booklet for
YUV(156.4130, 34.3064, 56.6428)
contains.

YUV(156.4130, 34.3064, 56.6428)	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(156.4130, 34.3064,
56.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6EE2
RGB	221, 110, 226
RGB Percent	87%, 43%, 89%
CMY	0.1333, 0.5686, 0.1137
CMYK	0.02, 0.51, 0.00, 0.11
HSL	297°, 67%, 66%
HSV	297°, 51%, 89%
XYZ	49.1222, 32.0150, 75.5420
YIQ	156.4130, 28.9200, 59.6080

Conversions

Conversions Part 2

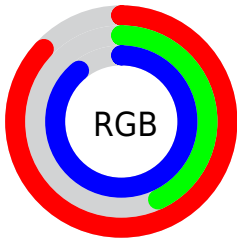
Format	Color
R _Y B	221, 110, 226
Decimal	14511842
CIE Lab	63.36, 59.20, -40.23
CIE LCh	63, 71.581, 325.800
Yxy	32.0150, 0.3135, 0.2043
Android (android.graphics.Color)	4292701922 (0xFFDD6EE2)
YUV	156.4130, 34.3064, 56.6428
Hunter-Lab	56.5818, 55.9488, -39.5504

Details

The YUV color **156.4130, 34.3064, 56.6428** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **179.5870, -34.3064, -56.6428**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **99.8150, 34.6012, 55.4132** is the 20% darker color. If you saturate the color by 10%, you get **142.6130, 41.1098, 67.8684**, and if you desaturate by 10%, it is **170.2130, 27.5030, 45.4172**.

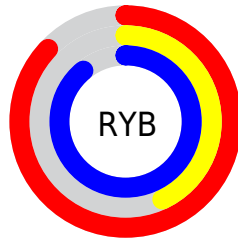
Distribution



Red (87%)

Green (43%)

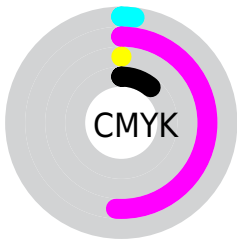
Blue (89%)



Red (87%)

Yellow (43%)

Blue (89%)

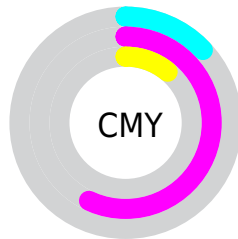


Cyan (2%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (13%)


Magenta (57%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.4130, 34.3064, 56.6428 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 156.4130, 34.3064, 56.6428 by changing the saturation by 10% instead.


 156.4130, 34.3064,
56.6428


 156.4130, 34.3064,
56.6428


255.0000, 0.0000,
0.0000

 128.7010, 34.1644,
55.5132


 202.1700, 26.0452,
46.3319

 99.8150, 34.6012,
55.4132


 219.1930, 17.6529,
31.4027


 68.9940, 36.4850,
57.8873

 236.2160, 9.2605,
16.4736

 45.6300, 35.1854,
54.6985

 253.2390, 0.8682,
1.5444

 34.7070, 28.2454,
40.5990

 24.1970, 21.5949,
27.0142

 13.8010, 15.3811,

13.3295

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 156.4130, 34.3064,
56.6428

■ 156.4130, 34.3064,
56.6428

■ 142.6130, 41.1098,
67.8684

■ 170.2130, 27.5030,
45.4172

■ 129.4000, 47.6238,
78.5792

■ 183.4260, 20.9890,
34.7064

■ 115.6000, 54.4272,
89.8048

■ 197.2260, 14.1856,
23.4808

■ 102.3870, 60.9412,
100.5156

■ 210.4390, 7.6716,
12.7700

90.3480, 66.8764,
110.1968

224.2390, 0.8682,
1.5444

238.0390, -5.9352,
-9.6812

243.6210, -8.6872,
-13.6996

243.9200, -8.8346,
-13.0848

244.2190, -8.9820,
-12.4701

Harmonies

Analogous

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



151.0170, 51.2636, -15.8009



156.4130, 34.3064, 56.6428



146.1240, 9.3059, 95.4843

Triad

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



156.4130, 34.3064, 56.6428



143.3980, -70.6952, 41.7470



130.4320, 37.7480, -114.3889

Complementary

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



156.4130, 34.3064, 56.6428



179.5870, -34.3064, -56.6428

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.



123.0220, 9.3562, -107.8903



156.4130, 34.3064, 56.6428



136.9960, -64.5810, -6.1355

Square

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



156.4130, 34.3064, 56.6428



147.2050, -50.8801, 79.6272



116.8630, -19.6525, -90.2109



132.9690, 60.1613, -116.6138

Rectangle

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



156.4130, 34.3064, 56.6428



141.9230, -9.3290, 99.1685



116.8630, -19.6525, -90.2109



128.6250, 28.2859, -112.8041

Sweetspot

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



156.4130, 34.3064, 56.6428



232.0960, 11.2917, 18.3328



126.7460, 48.9322, -14.6862



114.2000, 6.8034, 11.2256



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.



156.4130, 34.3064, 56.6428



160.1610, 46.7556, 77.0348



151.9800, 10.8559, 64.9155



105.5430, 3.1833, 5.6628



70.2960, 52.1121, 85.6864



19.2260, 14.1856, 23.4808

Inverse Universe

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



145.2540, -14.9152, 70.8142



145.0400, -20.2327, 96.4349



184.0200, -10.8559, -64.9155



104.2890, -1.6215, 6.7625



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 156.4130, 34.3064, 56.6428 looks on a white background.

Color Contrast Check

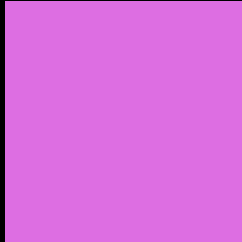
Large Text (above 18pt) WCAG AA × Fail

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 156.4130, 34.3064, 56.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

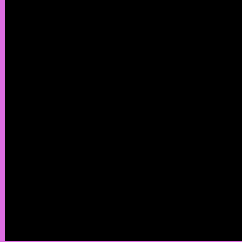
Any Text WCAG AA ✓ Pass

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 156.4130, 34.3064, 56.6428 Background



This preview shows how black text looks on a background with the YUV color 156.4130, 34.3064, 56.6428.



This preview shows how white text looks on a background with the YUV color 156.4130, 34.3064,

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

156.4130, 34.3064, 56.6428

Protanopia

150.3090, 51.6127, -34.4740

Deuteranopia

152.9460, 32.0716, -20.1236



Tritanopia

155.7610, -7.2772, 47.5676

Trichromacy



Original Color

156.4130, 34.3064, 56.6428



Protanomaly

152.2100, 45.2525, -1.0612



Deuteranomaly

154.3500, 32.8584, 7.5860



Tritanomaly

155.7950, 7.9891, 51.0458

Monochromacy



Original Color

156.4130, 34.3064, 56.6428



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.0470, 12.3018, 21.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.4130, 34.3064, 56.6428 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(221, 110, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 110, 226)  
}
```

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(221, 110, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 110, 226) }
```

Border

The CSS property to change the border of an element to YUV 156.4130, 34.3064, 56.6428 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(221, 110, 226) }
```


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

```
.border{ border-color:rgb(221, 110, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 110, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 110, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 110, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 110,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 156.4130, 34.3064, 56.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 110, 226) }
```

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

```
.background{ background-color: rgb(221,  
110, 226) }
```

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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