

Converting Colors

YUV(156.9190, 30.1129,
48.3060)

Have a look what the booklet for
YUV(156.9190, 30.1129, 48.3060)
contains.

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Color

**YUV(156.9190, 30.1129,
48.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	D475DA
RGB	212, 117, 218
RGB Percent	83%, 46%, 85%
CMY	0.1686, 0.5412, 0.1451
CMYK	0.03, 0.46, 0.00, 0.15
HSL	296°, 58%, 66%
HSV	296°, 46%, 85%
XYZ	46.1676, 31.7816, 70.0308
YIQ	156.9190, 24.1990, 51.5510

Conversions

Conversions Part 2

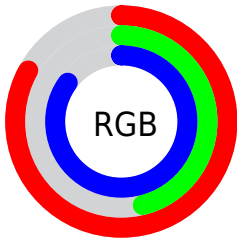
Format	Color
RYB	212, 117, 218
Decimal	13923802
CIELab	63.16, 51.82, -36.15
CIElCh	63, 63.189, 325.100
Yxy	31.7816, 0.3120, 0.2148
Android (android.graphics.Color)	4292113882 (0xFFD475DA)
YUV	156.9190, 30.1129, 48.3060
Hunter-Lab	56.3752, 47.5233, -34.1891

Details

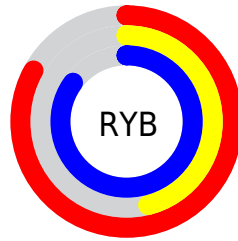
The YUV color **156.9190, 30.1129, 48.3060** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **178.0810, -30.1129, -48.3060**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **102.4950, 29.8290, 46.0469** is the 20% darker color. If you saturate the color by 10%, you get **143.7060, 36.6269, 59.0168**, and if you desaturate by 10%, it is **170.1320, 23.5989, 37.5952**.

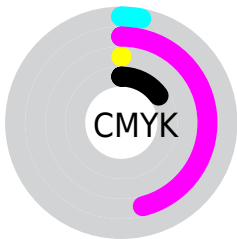
Distribution



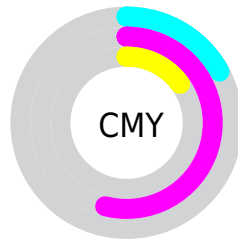
- Red (83%)
- Green (46%)
- Blue (85%)



- Red (83%)
- Yellow (46%)
- Blue (85%)



- Cyan (3%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.9190, 30.1129, 48.3060 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 156.9190, 30.1129, 48.3060 by changing the saturation by 10% instead.

 156.9190, 30.1129,
48.3060


 156.9190, 30.1129,
48.3060


255.0000, 0.0000,
0.0000


 129.2070, 29.9709,
47.1765


 206.2790, 24.0195,
42.7283


 102.4950, 29.8290,
46.0469


 222.7150, 15.9165,
28.3139

 74.9080, 30.1184,
46.5617

 239.7380, 7.5242,
13.3848

 42.7390, 33.1597,
51.0949

 32.2290, 26.5091,
37.5102

 22.0180, 19.7111,
24.5402

 11.0240, 13.7922,

9.6260

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 156.9190, 30.1129,
48.3060

■ 156.9190, 30.1129,
48.3060

■ 143.7060, 36.6269,
59.0168

■ 170.1320, 23.5989,
37.5952

■ 130.1940, 43.2884,
69.1129

■ 183.6440, 16.9375,
27.4992

■ 117.5680, 49.5130,
79.3089

■ 196.2700, 10.7129,
17.3032

■ 104.3550, 56.0270,
90.0197

■ 209.4830, 4.1989,
6.5924

91.1420, 62.5410,
100.7305

222.6960, -2.3151,
-4.1184

86.1470, 65.0035,
104.2341

236.2080, -8.9765,
-14.2144

240.6160,
-11.1497, -17.2032

240.9150,
-11.2971, -16.5885

241.5130,
-11.5919, -15.3589

Harmonies

Analogous

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



153.0880, 50.2426, -14.9862



156.9190, 30.1129, 48.3060



151.3740, 6.7176, 85.6180

Triad

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



156.9190, 30.1129, 48.3060



145.6500, -59.4805, 38.0179



127.7590, 35.1218, -112.0446

Complementary

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



156.9190, 30.1129, 48.3060



178.0810, -30.1129, -48.3060

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.



121.1470, 9.7875, -106.2459



156.9190, 30.1129, 48.3060



141.0790, -50.3249, -5.3313

Square

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



156.9190, 30.1129, 48.3060



148.9850, -43.8696, 71.0502



128.5720, -21.4810, -63.6456



129.9540, 56.2247, -113.9697

Rectangle

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



156.9190, 30.1129, 48.3060



149.4230, -11.0545, 92.5910



128.5720, -21.4810, -63.6456



126.1800, 26.5333, -110.6599

Sweetspot

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



156.9190, 30.1129, 48.3060



233.2700, 10.7129, 17.3032



132.6230, 42.0909, -13.7014



114.4880, 6.6614, 10.0960



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.



156.9190, 30.1129, 48.3060



168.6670, 42.5622, 68.6980



153.6970, 10.0094, 56.3937



103.2440, 3.3307, 5.0480



68.4590, 51.5387, 82.9125



18.1010, 13.7542, 21.8364

Inverse Universe

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



147.8830, -12.2673, 61.4926



155.7830, -17.1480, 87.0133



181.3030, -10.0094, -56.3937



102.2890, -1.6215, 6.7625



52.8670, -21.1334, 105.3566



14.0960, -5.4703, 27.9798

Previews

White Background



This preview shows how the YUV color 156.9190, 30.1129, 48.3060 looks on a white background.

Color Contrast Check

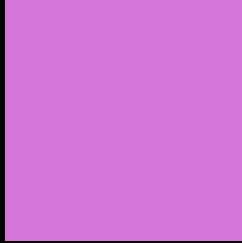
Large Text (above 18pt) WCAG AA × Fail

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 156.9190, 30.1129, 48.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

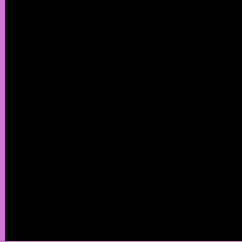
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.9190, 30.1129, 48.3060

Background



This preview shows how black text looks on a background with the YUV color 156.9190, 30.1129, 48.3060.



This preview shows how white text looks on a background with the YUV color 156.9190, 30.1129,

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

156.9190, 30.1129, 48.3060

Protanopia

150.7780, 46.9444, -30.5003

Deuteranopia

152.8710, 29.1506, -16.5499



Tritanopia

155.4720, -5.6557, 40.8051

Trichromacy



Original Color

156.9190, 30.1129, 48.3060



Protanomaly

153.0590, 40.8899, -1.8057



Deuteranomaly

154.4270, 29.3695, 6.6415



Tritanomaly

156.2240, 7.2846, 43.6536

Monochromacy



Original Color

156.9190, 30.1129, 48.3060



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.6830, 11.0023, 17.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9190, 30.1129, 48.3060 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(212, 117, 218)` looks like.

```
.text, #text, p{  
    color:rgb(212, 117, 218)  
}
```

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(212, 117, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 117, 218) }
```

Border

The CSS property to change the border of an element to YUV 156.9190, 30.1129, 48.3060 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(212, 117, 218) }
```


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

```
.border{ border-color:rgb(212, 117, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 117, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 117, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 117, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 117,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 156.9190, 30.1129, 48.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 117, 218) }
```

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

```
.background{ background-color: rgb(212,  
117, 218) }
```

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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