

Converting Colors

YUV(156.1810, 26.0398,
48.0763)

Have a look what the booklet for
YUV(156.1810, 26.0398, 48.0763)
contains.

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Color

**YUV(156.1810, 26.0398,
48.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	D376D1
RGB	211, 118, 209
RGB Percent	83%, 46%, 82%
CMY	0.1725, 0.5373, 0.1804
CMYK	0.00, 0.44, 0.01, 0.17
HSL	301°, 51%, 65%
HSV	301°, 44%, 83%
XYZ	44.8510, 31.4092, 64.0203
YIQ	156.1810, 26.2170, 48.0170

Conversions

Conversions Part 2

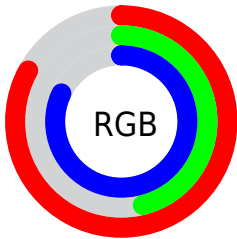
Format	Color
R _Y B	211, 118, 209
Decimal	13858513
CIE Lab	62.85, 49.39, -31.60
CIE LCh	63, 58.634, 327.388
Yxy	31.4092, 0.3197, 0.2239
Android (android.graphics.Color)	4292048593 (0xFFD376D1)
YUV	156.1810, 26.0398, 48.0763
Hunter-Lab	56.0439, 44.7738, -28.4976

Details

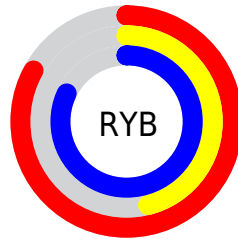
The YUV color **156.1810, 26.0398, 48.0763** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **172.8190, -26.0398, -48.0763**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **101.7570, 25.7558, 45.8171** is the 20% darker color. If you saturate the color by 10%, you get **143.8540, 32.1170, 58.8870**, and if you desaturate by 10%, it is **168.5080, 19.9626, 37.2655**.

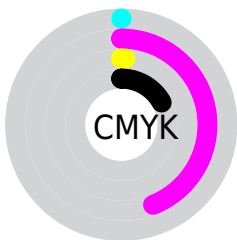
Distribution



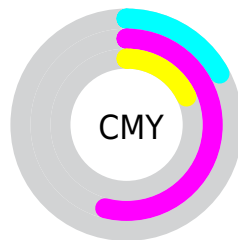
- Red (83%)
- Green (46%)
- Blue (82%)



- Red (83%)
- Yellow (46%)
- Blue (82%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1810, 26.0398, 48.0763 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 156.1810, 26.0398, 48.0763 by changing the saturation by 10% instead.

■ 156.1810, 26.0398,
48.0763

■ 156.1810, 26.0398,
48.0763

255.0000, 0.0000,
0.0000

■ 129.0560, 25.6084,
46.4319

■ 206.8660, 23.7301,
42.2135

■ 101.7570, 25.7558,
45.8171

■ 223.3020, 15.6271,
27.7991

■ 74.8710, 26.1926,
45.7171

■ 239.7380, 7.5242,
13.3848

■ 42.8160, 29.6707,
50.1504

■ 31.0180, 23.1621,
37.6952

■ 21.2200, 16.6535,
25.2401

■ 10.0410, 11.3188,

9.6110

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 156.1810, 26.0398,
48.0763

■ 156.1810, 26.0398,
48.0763

■ 143.8540, 32.1170,
58.8870

■ 168.5080, 19.9626,
37.2655

■ 131.4130, 37.7574,
69.7978

■ 180.9490, 14.3221,
26.3547

■ 119.0860, 43.8346,
80.6086

■ 193.2760, 8.2449,
15.5439

■ 106.6450, 49.4750,
91.5193

■ 205.7170, 2.6045,
4.6332

94.3180, 55.5522,
102.3301

218.6310, -3.7621,
-6.6924

86.5730, 58.8775,
109.1225

231.0720, -9.4025,
-17.6031

236.9420,
-12.2964, -22.7511

237.0560,
-11.8596, -22.8511

Harmonies

Analogous

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



153.4650, 45.1268, -7.4238



156.1810, 26.0398, 48.0763



151.8310, 3.5343, 79.9552

Triad

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



156.1810, 26.0398, 48.0763



145.9250, -53.2070, 32.5148



126.5850, 35.7006, -111.0150

Complementary

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



156.1810, 26.0398, 48.0763



172.8190, -26.0398, -48.0763

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.



120.5430, 12.5503, -105.7162



156.1810, 26.0398, 48.0763



141.0770, -43.9150, -7.9605

Square

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



156.1810, 26.0398, 48.0763



149.1090, -41.9587, 64.8024



129.2070, -17.8501, -61.5715



127.6230, 54.9089, -111.9254

Rectangle

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



156.1810, 26.0398, 48.0763



149.6240, -12.6326, 85.3988



129.2070, -17.8501, -61.5715



124.6470, 28.2750, -109.3154

Sweetspot

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



156.1810, 26.0398, 48.0763



235.5150, 9.1131, 17.0883



129.2000, 40.3274, -8.0684



115.5590, 5.6404, 10.9108



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.



156.1810, 26.0398, 48.0763



175.4130, 37.7574, 69.7978



150.9370, 5.9471, 52.6753



98.4290, 2.7465, 5.7628



69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Inverse Universe

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



156.1810, 26.0398, 48.0763



175.4130, 37.7574, 69.7978



178.0630, -5.9471, -52.6753



98.4290, 2.7465, 5.7628



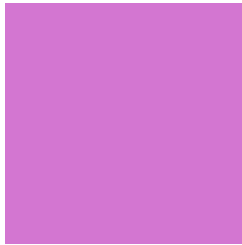
69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 156.1810, 26.0398, 48.0763 looks on a white background.

Color Contrast Check

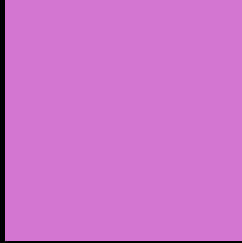
Large Text (above 18pt) WCAG AA × Fail

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 156.1810, 26.0398, 48.0763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

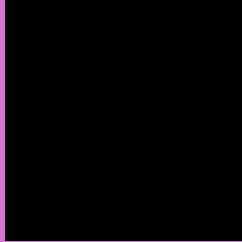
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.1810, 26.0398, 48.0763

Background



This preview shows how black text looks on a background with the YUV color 156.1810, 26.0398, 48.0763.



This preview shows how white text looks on a background with the YUV color 156.1810, 26.0398,

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

156.1810, 26.0398, 48.0763

Protanopia

151.3180, 41.2552, -25.7119

Deuteranopia

152.7530, 24.7718, -12.0614



Tritanopia

155.0700, -5.9505, 42.0346

Trichromacy



Original Color

156.1810, 26.0398, 48.0763



Protanomaly

152.8160, 36.0797, 1.0384



Deuteranomaly

153.7110, 25.2855, 9.9005



Tritanomaly

155.7680, 5.5374, 44.0535

Monochromacy



Original Color

156.1810, 26.0398, 48.0763



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.9280, 9.4025, 17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1810, 26.0398, 48.0763 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(211, 118, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 118, 209)  
}
```

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(211, 118, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 118, 209) }
```

Border

The CSS property to change the border of an element to YUV 156.1810, 26.0398, 48.0763 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(211, 118, 209) }
```


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

```
.border{ border-color:rgb(211, 118, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 118, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 118, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 118, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 118,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 156.1810, 26.0398, 48.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 118, 209) }
```

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

```
.background{ background-color: rgb(211,  
118, 209) }
```

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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