

Converting Colors

YUV(166.3060, 26.4711,
49.7206)

Have a look what the booklet for
YUV(166.3060, 26.4711, 49.7206)
contains.

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Color

**YUV(166.3060, 26.4711,
49.7206)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7FDC
RGB	223, 127, 220
RGB Percent	87%, 50%, 86%
CMY	0.1255, 0.5020, 0.1373
CMYK	0.00, 0.43, 0.01, 0.13
HSL	302°, 60%, 69%
HSV	302°, 43%, 87%
XYZ	50.9391, 36.0340, 71.9806
YIQ	166.3060, 27.3630, 49.2750

Conversions

Conversions Part 2

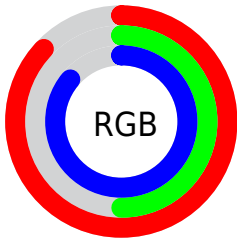
Format	Color
RYB	223, 127, 220
Decimal	14647260
CIELab	66.55, 50.34, -31.91
CIElCh	67, 59.597, 327.631
Yxy	36.0340, 0.3205, 0.2267
Android (android.graphics.Color)	4292837340 (0xFFDF7FDC)
YUV	166.3060, 26.4711, 49.7206
Hunter-Lab	60.0283, 46.4225, -29.0754

Details

The YUV color **166.3060, 26.4711, 49.7206** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.6940, -26.4711, -49.7206**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **111.8820, 26.1872, 47.4615** is the 20% darker color. If you saturate the color by 10%, you get **153.2780, 32.4009, 61.1462**, and if you desaturate by 10%, it is **179.3340, 20.5413, 38.2951**.

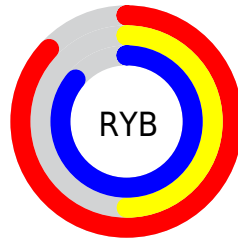
Distribution



Red (87%)

Green (50%)

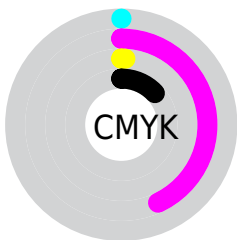
Blue (86%)



Red (87%)

Yellow (50%)

Blue (86%)

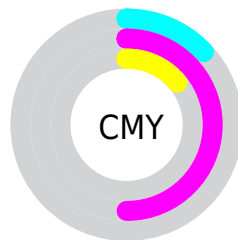


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (50%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3060, 26.4711, 49.7206 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 166.3060, 26.4711, 49.7206 by changing the saturation by 10% instead.


 166.3060, 26.4711,
49.7206


 166.3060, 26.4711,
49.7206


255.0000, 0.0000,
0.0000


 138.5940, 26.3292,
48.5911


 212.1490, 21.1255,
37.5803


 111.8820, 26.1872,
47.4615


 228.5850, 13.0226,
23.1660


 84.5830, 26.3346,
46.8467

 245.6080, 4.6303,
8.2368

 55.3490, 27.9289,
48.8059

 35.4470, 25.9086,
43.4580

 24.9370, 19.2581,
29.8733

 15.4380, 12.6021,

18.0329

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 166.3060, 26.4711,
49.7206

■ 166.3060, 26.4711,
49.7206

■ 153.2780, 32.4009,
61.1462

■ 179.3340, 20.5413,
38.2951

■ 139.7770, 39.0569,
72.9866

■ 192.8350, 13.8853,
26.4547

■ 126.7490, 44.9867,
84.4121

■ 205.8630, 7.9555,
15.0291

■ 113.7210, 50.9165,
95.8377

■ 218.8910, 2.0257,
3.6036

■ 100.8070, 57.2831,
107.1633

■ 232.3920, -4.6303,
-8.2368

■ 91.3010, 61.4766,
115.5000

■ 241.8980, -8.8237,
-16.5735

■ 242.0120, -8.3869,
-16.6735

■ 242.1260, -7.9501,
-16.7735

Harmonies

Analogous

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



163.1770, 45.2687, -6.2942



166.3060, 26.4711, 49.7206



161.7280, 3.0921, 81.7995

Triad

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



166.3060, 26.4711, 49.7206



155.9960, -54.2280, 33.3295



133.7090, 37.6115, -117.2628

Complementary

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



166.3060, 26.4711, 49.7206



183.6940, -26.4711, -49.7206

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.



127.5530, 14.0244, -111.8640



166.3060, 26.4711, 49.7206



150.5500, -44.6411, -8.3753

Square

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



166.3060, 26.4711, 49.7206



158.7780, -43.2746, 66.8467



139.3810, -18.4288, -62.6011



135.5620, 57.4039, -118.8879

Rectangle

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



166.3060, 26.4711, 49.7206



158.2110, -12.9220, 84.8840



139.3810, -18.4288, -62.6011



132.3580, 29.8965, -116.0780

Sweetspot

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



166.3060, 26.4711, 49.7206



235.5150, 9.1131, 17.0883



138.5420, 41.6378, -8.3683



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.



166.3060, 26.4711, 49.7206



176.4730, 36.7418, 68.8682



160.9480, 5.9416, 54.4196



105.5430, 3.1833, 5.6628



72.0040, 48.3120, 91.2045



19.7100, 13.4540, 24.8103

Inverse Universe

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



166.3060, 26.4711, 49.7206



176.4730, 36.7418, 68.8682



189.0520, -5.9416, -54.4196



105.5430, 3.1833, 5.6628



72.0040, 48.3120, 91.2045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 166.3060, 26.4711, 49.7206 looks on a white background.

Color Contrast Check

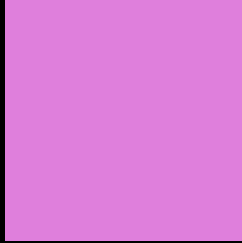
Large Text (above 18pt) WCAG AA × Fail

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 166.3060, 26.4711, 49.7206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

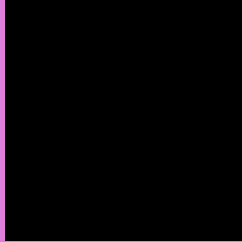
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3060, 26.4711, 49.7206

Background



This preview shows how black text looks on a background with the YUV color 166.3060, 26.4711, 49.7206.



This preview shows how white text looks on a background with the YUV color 166.3060, 26.4711,

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

166.3060, 26.4711, 49.7206

Protanopia

160.8450, 41.9814, -25.2971

Deuteranopia

163.1660, 25.0612, -11.5466



Tritanopia

165.0810, -5.9559, 43.7790

Trichromacy



Original Color

166.3060, 26.4711, 49.7206



Protanomaly

162.6420, 36.6585, 2.0680



Deuteranomaly

164.4230, 25.4275, 11.0300



Tritanomaly

165.7790, 5.5320, 45.7978

Monochromacy



Original Color

166.3060, 26.4711, 49.7206



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.3410, 9.6919, 18.1179

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3060, 26.4711, 49.7206 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(223, 127, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 127, 220)  
}
```

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(223, 127, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 127, 220) }
```

Border

The CSS property to change the border of an element to YUV 166.3060, 26.4711, 49.7206 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(223, 127, 220) }
```


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

```
.border{ border-color:rgb(223, 127, 220) }
```

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

Here you see how a box with a 4 pixel rgb(223, 127, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 127, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 127, 220);  
box-shadow:4px 4px 4px 4px rgb(223, 127,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 166.3060, 26.4711, 49.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 127, 220) }
```

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

```
.background{ background-color: rgb(223,  
127, 220) }
```

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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