

Converting Colors

YUV(165.8160, 26.2197,
36.9954)

Have a look what the booklet for
YUV(165.8160, 26.2197, 36.9954)
contains.

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Color

**YUV(165.8160, 26.2197,
36.9954)**

Conversions

Conversions Part 1

Format	Color
Hex	D086DB
RGB	208, 134, 219
RGB Percent	82%, 53%, 86%
CMY	0.1843, 0.4745, 0.1412
CMYK	0.05, 0.39, 0.00, 0.14
HSL	292°, 54%, 69%
HSV	292°, 39%, 86%
XYZ	47.3237, 35.5746, 71.3902
YIQ	165.8160, 16.8190, 42.1230

Conversions

Conversions Part 2

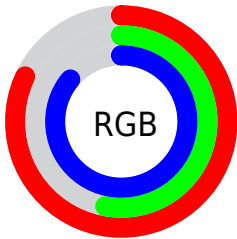
Format	Color
RYB	208, 134, 219
Decimal	13666011
CIELab	66.19, 42.01, -32.04
CIELCh	66, 52.832, 322.672
Yxy	35.5746, 0.3067, 0.2306
Android (android.graphics.Color)	4291856091 (0xFFD086DB)
YUV	165.8160, 26.2197, 36.9954
Hunter-Lab	59.6444, 37.2496, -29.2149

Details

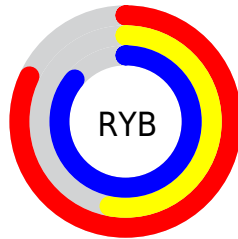
The YUV color **165.8160, 26.2197, 36.9954** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **187.1840, -26.2197, -36.9954**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **112.2780, 25.4989, 34.8362** is the 20% darker color. If you saturate the color by 10%, you get **152.0050, 33.0285, 46.4766**, and if you desaturate by 10%, it is **179.6270, 19.4109, 27.5141**.

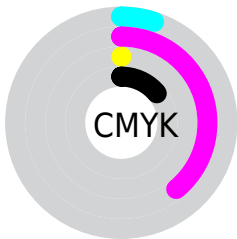
Distribution



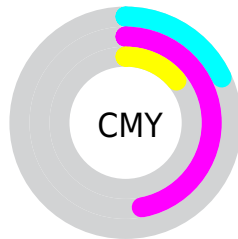
- Red (82%)
- Green (53%)
- Blue (86%)



- Red (82%)
- Yellow (53%)
- Blue (86%)



- Cyan (5%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8160, 26.2197, 36.9954 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 165.8160, 26.2197, 36.9954 by changing the saturation by 10% instead.

165.8160, 26.2197,
36.9954

165.8160, 26.2197,
36.9954

255.0000, 0.0000,
0.0000

138.9900, 25.6409,
35.9658

216.2580, 19.0998,
33.9767

112.2780, 25.4989,
34.8362

232.6940, 10.9969,
19.5624

86.4520, 24.9202,
33.8066

249.7170, 2.6045,
4.6332

61.0390, 24.6308,
33.2918

32.3320, 26.9513,
35.6658

21.8330, 20.2953,
23.8255

12.4480, 14.0761,

11.8851

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 165.8160, 26.2197,
36.9954

■ 165.8160, 26.2197,
36.9954

■ 152.0050, 33.0285,
46.4766

■ 179.6270, 19.4109,
27.5141

■ 138.1940, 39.8374,
55.9579

■ 193.4380, 12.6021,
18.0329

■ 124.3830, 46.6462,
65.4391

■ 207.2490, 5.7932,
8.5516

■ 110.8710, 53.3076,
75.5351

■ 220.7610, -0.8682,
-1.5444

97.6470, 59.8270,
84.5016

234.5720, -7.6770,
-11.0256

83.8360, 66.6359,
93.9828

241.9260,
-11.3025, -14.8441

82.0750, 67.5040,
95.5272

242.8230,
-11.7447, -12.9998

243.7200,
-12.1870, -11.1554

244.6170,
-12.6292, -9.3111

Harmonies

Analogous

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



161.2530, 43.2593, -15.1309



165.8160, 26.2197, 36.9954



163.3350, 5.7508, 68.9892

Triad

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



165.8160, 26.2197, 36.9954



156.7820, -46.2345, 36.1482



130.3520, 32.3645, -114.3187

Complementary

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



165.8160, 26.2197, 36.9954



187.1840, -26.2197, -36.9954

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.



124.7660, 10.9614, -109.4198



165.8160, 26.2197, 36.9954



152.5170, -41.1739, -0.4534

Square

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



165.8160, 26.2197, 36.9954



159.1180, -35.5542, 63.9175



144.9920, -21.6881, -43.8430



132.4500, 50.5572, -116.1586

Rectangle

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



165.8160, 26.2197, 36.9954



161.1930, -8.9691, 77.0067



144.9920, -21.6881, -43.8430



129.1150, 25.0863, -113.2339

Sweetspot

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



165.8160, 26.2197, 36.9954



235.6070, 9.5607, 13.4997



150.1470, 33.9445, -14.1609



116.5370, 5.6513, 7.4221



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.



165.8160, 26.2197, 36.9954



179.7760, 37.0854, 51.9394



165.5710, 11.0575, 46.8572



102.9450, 3.4781, 4.4332



64.8710, 53.3076, 75.5351



17.2040, 14.1964, 19.9921

Inverse Universe

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



160.6690, -7.7248, 51.1563



172.7040, -10.7001, 72.1736



187.4290, -11.0575, -46.8572



102.4030, -1.1847, 6.6626



54.2350, -15.8919, 104.1569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 165.8160, 26.2197, 36.9954 looks on a white background.

Color Contrast Check

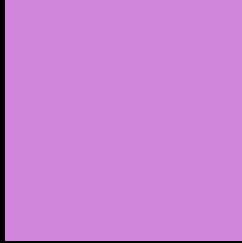
Large Text (above 18pt) WCAG AA × Fail

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 165.8160, 26.2197, 36.9954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

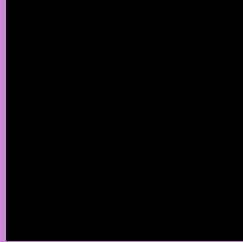
Any Text WCAG AA ✓ Pass

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 165.8160, 26.2197, 36.9954 Background



This preview shows how black text looks on a background with the YUV color 165.8160, 26.2197, 36.9954.



This preview shows how white text looks on a background with the YUV color 165.8160, 26.2197,

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

165.8160, 26.2197, 36.9954

Protanopia

160.6450, 38.6290, -23.3677

Deuteranopia

161.9810, 25.6454, -12.2613



Tritanopia

164.1010, -3.0078, 31.4834

Trichromacy



Original Color

165.8160, 26.2197, 36.9954



Protanomaly

162.6370, 34.1960, -1.4356



Deuteranomaly

163.5040, 25.8805, 5.6970



Tritanomaly

164.5710, 7.6065, 33.7022

Monochromacy



Original Color

165.8160, 26.2197, 36.9954



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.6070, 9.5607, 13.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8160, 26.2197, 36.9954 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(208, 134, 219)` looks like.

```
.text, #text, p{  
    color:rgb(208, 134, 219)  
}
```

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(208, 134, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 134, 219) }
```

Border

The CSS property to change the border of an element to YUV 165.8160, 26.2197, 36.9954 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(208, 134, 219) }
```


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

```
.border{ border-color:rgb(208, 134, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 134, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 134, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 134, 219);  
box-shadow:4px 4px 4px 4px rgb(208, 134,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 165.8160, 26.2197, 36.9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 134, 219) }
```

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

```
.background{ background-color: rgb(208,  
134, 219) }
```

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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