

Converting Colors

YUV(149.8350, 30.6473,
16.8077)

Have a look what the booklet for
YUV(149.8350, 30.6473, 16.8077)
contains.

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Color

**YUV(149.8350, 30.6473,
16.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	A980D4
RGB	169, 128, 212
RGB Percent	66%, 50%, 83%
CMY	0.3373, 0.4980, 0.1686
CMYK	0.20, 0.40, 0.00, 0.17
HSL	269°, 49%, 67%
HSV	269°, 40%, 83%
XYZ	35.9650, 28.6268, 65.9173
YIQ	149.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

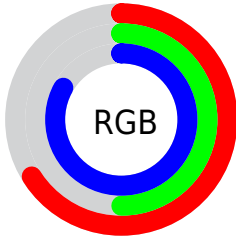
Format	Color
RYB	169, 128, 212
Decimal	11108564
CIELab	60.45, 32.12, -37.38
CIELCh	60, 49.281, 310.670
Yxy	28.6268, 0.2756, 0.2193
Android (android.graphics.Color)	4289298644 (0xFFA980D4)
YUV	149.8350, 30.6473, 16.8077
Hunter-Lab	53.5040, 26.3543, -35.5928

Details

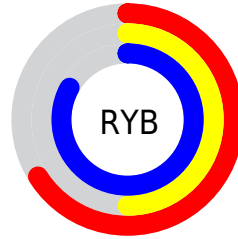
The YUV color **149.8350, 30.6473, 16.8077** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **190.1650, -30.6473, -16.8077**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5920, 25.8371, 19.6518**, and **98.0690, 29.0530, 14.8485** is the 20% darker color. If you saturate the color by 10%, you get **134.2190, 38.3460, 20.8559**, and if you desaturate by 10%, it is **165.4510, 22.9487, 12.7595**.

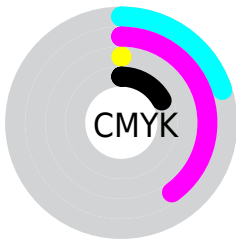
Distribution



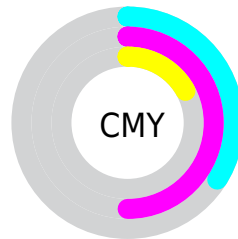
- Red (66%)
- Green (50%)
- Blue (83%)



- Red (66%)
- Yellow (50%)
- Blue (83%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (34%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8350, 30.6473, 16.8077 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 149.8350, 30.6473, 16.8077 by changing the saturation by 10% instead.

■ 149.8350, 30.6473,
16.8077

■ 149.8350, 30.6473,
16.8077

■ 255.0000, 0.0000,
0.0000

■ 123.8950, 29.6318,
15.8781

■ 202.5920, 25.8371,
19.6518

■ 98.0690, 29.0530,
14.8485

■ 227.9980, 13.3120,
23.6808

■ 73.2430, 28.4742,
13.8189

■ 245.0210, 4.9196,
8.7516

■ 49.3030, 27.4586,
12.8893

■ 25.4770, 26.8798,
11.8597

■ 12.4780, 21.9493,
6.5968

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 149.8350, 30.6473,
16.8077

■ 149.8350, 30.6473,
16.8077

■ 134.2190, 38.3460,
20.8559

■ 165.4510, 22.9487,
12.7595

■ 118.6030, 46.0447,
24.9042

■ 181.0670, 15.2500,
8.7112

■ 102.4000, 54.0328,
29.4672

■ 197.2700, 7.2619,
4.1482

■ 87.0830, 61.5841,
34.1302

■ 212.5870, -0.2894,
-0.5148

71.4670, 69.2828,
38.1784

228.2030, -7.9881,
-4.5630

55.8510, 76.9815,
42.2267

243.8190,
-15.6868, -8.6113

54.9650, 77.4183,
42.1267

247.1080,
-17.3082, -1.8487

250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



140.4520, 44.6402, -38.1074



149.8350, 30.6473, 16.8077



149.4840, 13.0724, 53.9495

Triad

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



149.8350, 30.6473, 16.8077



143.1450, -40.0045, 44.5998



116.8560, 21.2700, -102.4827

Complementary

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



149.8350, 30.6473, 16.8077



190.1650, -30.6473, -16.8077

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.



119.2340, -2.0874, -77.3812



149.8350, 30.6473, 16.8077



139.9040, -41.3647, 14.1162

Square

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



149.8350, 30.6473, 16.8077



144.5340, -26.3923, 65.3067



134.4030, -28.2997, -23.1554



119.7690, 40.0469, -105.0374

Rectangle

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



149.8350, 30.6473, 16.8077



147.1300, -0.0641, 67.4150



134.4030, -28.2997, -23.1554



114.5590, 15.0074, -100.4682

Sweetspot

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



149.8350, 30.6473, 16.8077



232.0190, 11.3296, 6.1223



162.8170, 24.2472, -30.5345



114.4440, 6.6831, 3.1186



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.



149.8350, 30.6473, 16.8077



164.5490, 44.5923, 24.0745



162.3930, 24.4563, 42.6283



99.0480, 3.9203, 2.5889



44.3110, 62.4577, 33.9303



11.1810, 15.6868, 8.6113

Inverse Universe

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



158.0180, 6.4001, 47.3422



176.5460, 9.0978, 68.8042



177.6070, -24.4563, -42.6283



99.9730, 0.9993, 6.1627



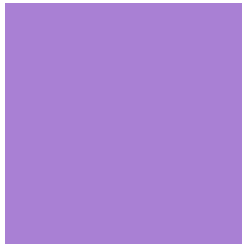
61.0470, 12.7948, 96.4288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 149.8350, 30.6473, 16.8077 looks on a white background.

Color Contrast Check

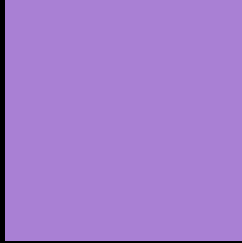
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.8350, 30.6473, 16.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

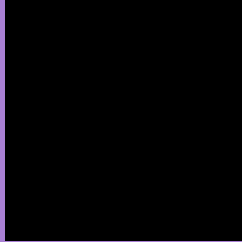
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.8350, 30.6473, 16.8077

Background



This preview shows how black text looks on a background with the YUV color 149.8350, 30.6473, 16.8077.



This preview shows how white text looks on a background with the YUV color 149.8350, 30.6473, 16.8077.

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

149.8350, 30.6473, 16.8077

Protanopia

144.5740, 39.6500, -24.1824

Deuteranopia

145.4190, 31.3454, -20.5385



Tritanopia

147.6360, 2.1515, 9.9662

Trichromacy



Original Color

149.8350, 30.6473, 16.8077

Protanomaly

146.7500, 36.1123, -9.4277

Deuteranomaly

147.0940, 31.0127, -7.0984

Tritanomaly

148.4050, 12.6183, 12.7998

Monochromacy



Original Color

149.8350, 30.6473, 16.8077

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8350, 30.6473, 16.8077 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(169, 128, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 128, 212)  
}
```

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(169, 128, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 128, 212) }
```

Border

The CSS property to change the border of an element to YUV 149.8350, 30.6473, 16.8077 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(169, 128, 212) }
```


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

```
.border{ border-color:rgb(169, 128, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 128, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 128, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 128, 212);  
box-shadow:4px 4px 4px 4px rgb(169, 128,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 149.8350, 30.6473, 16.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 128, 212) }
```

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

```
.background{ background-color: rgb(169,  
128, 212) }
```

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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