

Converting Colors

YUV(133.3800, 47.6337,
28.6077)

Have a look what the booklet for
YUV(133.3800, 47.6337, 28.6077)
contains.

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Color

**YUV(133.3800, 47.6337,
28.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	A662E6
RGB	166, 98, 230
RGB Percent	65%, 38%, 90%
CMY	0.3490, 0.6157, 0.0980
CMYK	0.28, 0.57, 0.00, 0.10
HSL	271°, 73%, 64%
HSV	271°, 57%, 90%
XYZ	34.3765, 22.5555, 77.4047
YIQ	133.3800, -1.8440, 55.4680

Conversions

Conversions Part 2

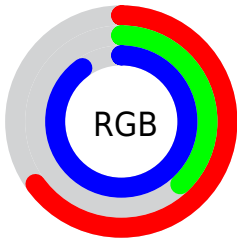
Format	Color
RYB	166, 98, 230
Decimal	10904294
CIELab	54.61, 51.88, -56.75
CIELCh	55, 76.894, 312.432
Yxy	22.5555, 0.2559, 0.1679
Android (android.graphics.Color)	4289094374 (0xFFA662E6)
YUV	133.3800, 47.6337, 28.6077
Hunter-Lab	47.4927, 46.0911, -63.3875

Details

The YUV color **133.3800, 47.6337, 28.6077** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **194.6200, -47.6337, -28.6077**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6830, 34.6663, 34.4810**, and **79.7280, 46.4761, 26.5485** is the 20% darker color. If you saturate the color by 10%, you get **116.5900, 55.9111, 33.6856**, and if you desaturate by 10%, it is **150.1700, 39.3562, 23.5299**.

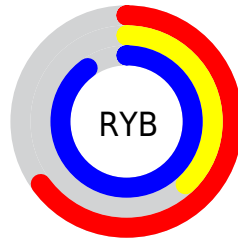
Distribution



Red (65%)

Green (38%)

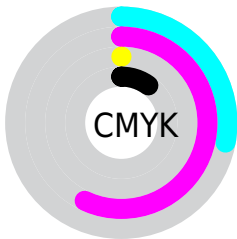
Blue (90%)



Red (65%)

Yellow (38%)

Blue (90%)

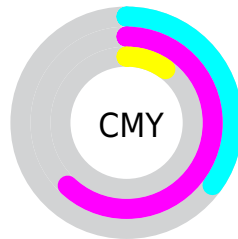


Cyan (28%)

Magenta (57%)

Yellow (0%)

Black (10%)



Cyan (35%)

Magenta (62%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3800, 47.6337, 28.6077 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 133.3800, 47.6337, 28.6077 by changing the saturation by 10% instead.

133.3800, 47.6337,
28.6077

133.3800, 47.6337,
28.6077

255.0000, 0.0000,
0.0000

106.4400, 46.6181,
27.6781

184.6830, 34.6663,
34.4810

79.7280, 46.4761,
26.5485

210.0890, 22.1411,
38.5099

51.7280, 46.4761,
26.5485

226.8240, 13.8908,
24.7104

29.5270, 44.6032,
20.5858

243.8470, 5.4984,
9.7812

17.1090, 38.4003,
3.4124

7.9800, 30.5759,
-6.9985

7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 133.3800, 47.6337,
28.6077

■ 133.3800, 47.6337,
28.6077

■ 116.5900, 55.9111,
33.6856

■ 150.1700, 39.3562,
23.5299

■ 99.8000, 64.1886,
38.7634

■ 166.9600, 31.0787,
18.4521

■ 83.0100, 72.4661,
43.8412

■ 183.7500, 22.8012,
13.3742

■ 65.9210, 80.8909,
48.3043

■ 200.8390, 14.3764,
8.9112

61.5020, 83.0695,
49.5487

217.6290, 6.0989,
3.8334

234.4190, -2.1786,
-1.2445

248.8610, -9.2985,
-4.2631

252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



105.3800, 73.7627, -92.4183



133.3800, 47.6337, 28.6077



122.4130, 24.4464, 92.5998

Triad

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



133.3800, 47.6337, 28.6077



122.8420, -60.5611, 58.0206



111.9320, 22.7115, -98.1644

Complementary

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



133.3800, 47.6337, 28.6077



194.6200, -47.6337, -28.6077

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.



102.1910, -6.9962, -89.6215



133.3800, 47.6337, 28.6077



119.5990, -58.9623, 11.7527

Square

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



133.3800, 47.6337, 28.6077



119.9310, -38.4200, 96.5305



102.8150, -50.1948, -47.1958



117.8260, 50.3718, -103.3334

Rectangle

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



133.3800, 47.6337, 28.6077



112.7890, 7.4990, 115.0720



102.8150, -50.1948, -47.1958



108.6090, 12.5178, -95.2501

Sweetspot

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



133.3800, 47.6337, 28.6077



223.4800, 15.5394, 9.2260



151.7900, 38.5575, -47.1738



108.8510, 9.4405, 5.3927



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.



133.3800, 47.6337, 28.6077



126.2730, 63.4624, 38.3486



152.5160, 38.1996, 67.9535



106.1620, 4.3571, 2.4889



47.9140, 64.6254, 38.6634



13.5880, 18.4441, 10.8853

Inverse Universe

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



144.7640, 8.4973, 74.7520



141.3140, 11.1842, 99.7026



175.4840, -38.1996, -67.9535



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 133.3800, 47.6337, 28.6077 looks on a white background.

Color Contrast Check

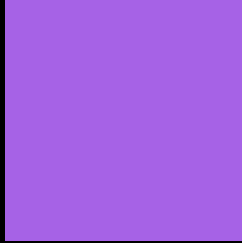
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3800, 47.6337, 28.6077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

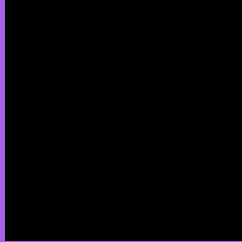
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.3800, 47.6337, 28.6077

Background



This preview shows how black text looks on a background with the YUV color 133.3800, 47.6337, 28.6077.



This preview shows how white text looks on a background with the YUV color 133.3800, 47.6337, 28.6077.

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

133.3800, 47.6337, 28.6077

Protanopia

118.8790, 67.1077, -57.7759

Deuteranopia

121.7430, 49.9197, -51.5176



Tritanopia

132.6150, 0.6828, 14.3696

Trichromacy



Original Color

133.3800, 47.6337, 28.6077

Protanomaly

124.2420, 60.0267, -26.5222

Deuteranomaly

126.1040, 49.2487, -22.8932

Tritanomaly

133.1160, 17.6908, 19.1923

Monochromacy



Original Color

133.3800, 47.6337, 28.6077

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9470, 17.2811, 10.5705

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3800, 47.6337, 28.6077 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(166, 98, 230)` looks like.

```
.text, #text, p{  
    color:rgb(166, 98, 230)  
}
```

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(166, 98, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 98, 230) }
```

Border

The CSS property to change the border of an element to YUV 133.3800, 47.6337, 28.6077 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(166, 98, 230) }
```


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

```
.border{ border-color:rgb(166, 98, 230) }
```

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

Here you see how a box with a 4 pixel rgb(166, 98, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 98, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 98, 230);  
box-shadow:4px 4px 4px 4px rgb(166, 98,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 133.3800, 47.6337, 28.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 98, 230) }
```

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

```
.background{ background-color: rgb(166, 98,  
230) }
```

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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