

Converting Colors

YUV(133.6050, 22.8727,
37.1804)

Have a look what the booklet for
YUV(133.6050, 22.8727, 37.1804)
contains.

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Color

**YUV(133.6050, 22.8727,
37.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	B067B4
RGB	176, 103, 180
RGB Percent	69%, 40%, 71%
CMY	0.3098, 0.5961, 0.2941
CMYK	0.02, 0.43, 0.00, 0.29
HSL	297°, 34%, 55%
HSV	297°, 43%, 71%
XYZ	30.9930, 22.2259, 45.8365
YIQ	133.6050, 18.7910, 39.4230

Conversions

Conversions Part 2

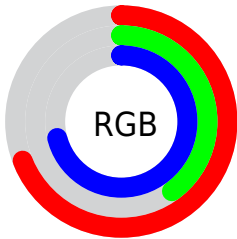
Format	Color
RYB	176, 103, 180
Decimal	11560884
CIELab	54.27, 41.28, -28.74
CIElCh	54, 50.300, 325.148
Yxy	22.2259, 0.3129, 0.2244
Android (android.graphics.Color)	4289750964 (0xFFB067B4)
YUV	133.6050, 22.8727, 37.1804
Hunter-Lab	47.1443, 34.8443, -24.6442

Details

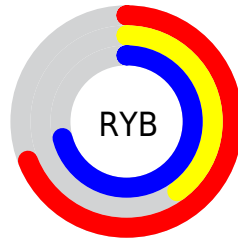
The YUV color **133.6050, 22.8727, 37.1804** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.3950, -22.8727, -37.1804**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1430, 23.5935, 39.3396**, and **81.4800, 22.4414, 35.5360** is the 20% darker color. If you saturate the color by 10%, you get **122.7400, 28.2292, 45.8320**, and if you desaturate by 10%, it is **144.4700, 17.5163, 28.5288**.

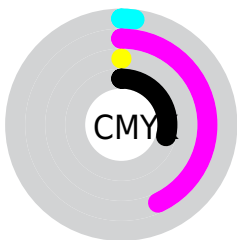
Distribution



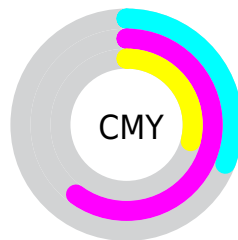
- Red (69%)
- Green (40%)
- Blue (71%)



- Red (69%)
- Yellow (40%)
- Blue (71%)



- Cyan (2%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)




- Cyan (31%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.6050, 22.8727, 37.1804 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 133.6050, 22.8727, 37.1804 by changing the saturation by 10% instead.


 133.6050, 22.8727,
37.1804


 133.6050, 22.8727,
37.1804


255.0000, 0.0000,
0.0000


 107.4800, 22.4414,
35.5360


 188.1430, 23.5935,
39.3396


 81.4800, 22.4414,
35.5360


 212.7360, 20.8362,
37.0655


 56.1810, 22.5888,
34.9213

 229.1720, 12.7332,
22.6512

 29.7080, 23.3150,
35.3361

 246.1950, 4.3409,
7.7220

 19.9100, 16.8064,
22.8809

 9.3290, 11.1768,
8.4815

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 133.6050, 22.8727,
37.1804

■ 133.6050, 22.8727,
37.1804

■ 122.7400, 28.2292,
45.8320

■ 144.4700, 17.5163,
28.5288

■ 111.8750, 33.5856,
54.4836

■ 155.3350, 12.1598,
19.8772

■ 101.0100, 38.9421,
63.1352

■ 166.2000, 6.8034,
11.2256

■ 90.1450, 44.2985,
71.7868

■ 177.0650, 1.4470,
2.5740

■ 79.2800, 49.6550,
80.4384

■ 187.9300, -3.9095,
-6.0776

71.6490, 53.4170,
87.1308

198.7950, -9.2659,
-14.7292

209.6600,
-14.6224, -23.3808

220.2260,
-19.8314, -32.6472

225.2210,
-22.2940, -36.1508

Harmonies

Analogous

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



130.4340, 38.7330, -10.0276



133.6050, 22.8727, 37.1804



130.5580, 4.1619, 65.2856

Triad

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



133.6050, 22.8727, 37.1804



125.1340, -43.4501, 29.7005



107.4470, 28.3736, -94.2310

Complementary

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



133.6050, 22.8727, 37.1804



149.3950, -22.8727, -37.1804

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.



101.8440, 9.4439, -89.3172



133.6050, 22.8727, 37.1804



121.1190, -37.5267, -3.6124

Square

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



133.6050, 22.8727, 37.1804



127.2310, -33.6379, 55.9254



112.5340, -17.0253, -46.0723



108.5020, 45.1085, -95.1563

Rectangle

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



133.6050, 22.8727, 37.1804



128.6330, -9.6791, 71.3589



112.5340, -17.0253, -46.0723



105.8510, 22.2585, -92.8313

Sweetspot

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



133.6050, 22.8727, 37.1804



216.2050, 9.2659, 14.7292



114.7130, 32.1865, -10.2723



106.1350, 5.3564, 8.6516



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.6050, 22.8727, 37.1804



162.4670, 35.7588, 57.4724



131.0390, 7.8688, 42.9388



83.7170, 2.6045, 4.6332



60.7970, 45.4561, 73.8460



10.1400, 7.8190, 12.1552

Inverse Universe

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



126.4790, -9.6031, 46.9379



151.5640, -15.0681, 73.1734



151.9610, -7.8688, -42.9388



82.8050, -0.8899, 5.4330



46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 133.6050, 22.8727, 37.1804 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 133.6050, 22.8727, 37.1804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

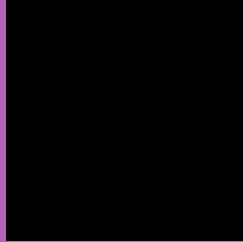
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6050, 22.8727, 37.1804

Background



This preview shows how black text looks on a background with the YUV color 133.6050, 22.8727, 37.1804.



This preview shows how white text looks on a background with the YUV color 133.6050, 22.8727, 37.1804.

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

133.6050, 22.8727, 37.1804

Protanopia

129.0320, 34.9872, -21.9531

Deuteranopia

130.0690, 22.1510, -11.4615



Tritanopia

132.1720, -4.0288, 32.2982

Trichromacy



Original Color

133.6050, 22.8727, 37.1804



Protanomaly

130.7250, 30.7016, -0.6358



Deuteranomaly

131.2930, 22.5336, 5.8820



Tritanomaly

133.0010, 5.4225, 34.2021

Monochromacy



Original Color

133.6050, 22.8727, 37.1804



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6050, 22.8727, 37.1804 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(176, 103, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 103, 180)  
}
```

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(176, 103, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 103, 180) }
```

Border

The CSS property to change the border of an element to YUV 133.6050, 22.8727, 37.1804 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(176, 103, 180) }
```


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

```
.border{ border-color:rgb(176, 103, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 103, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 103, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 103, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 103,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 133.6050, 22.8727, 37.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 103, 180) }
```

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

```
.background{ background-color: rgb(176,  
103, 180) }
```

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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