

Converting Colors

YUV(140.8370, 27.6884,
32.5920)

Have a look what the booklet for
YUV(140.8370, 27.6884, 32.5920)
contains.

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Color

**YUV(140.8370, 27.6884,
32.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	B26FC5
RGB	178, 111, 197
RGB Percent	70%, 44%, 77%
CMY	0.3020, 0.5647, 0.2275
CMYK	0.10, 0.44, 0.00, 0.23
HSL	287°, 43%, 60%
HSV	287°, 44%, 77%
XYZ	34.1226, 24.8651, 55.8243
YIQ	140.8370, 12.3260, 40.9500

Conversions

Conversions Part 2

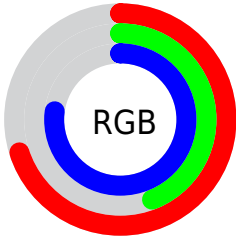
Format	Color
R _Y B	178, 111, 197
Decimal	11694021
CIE Lab	56.94, 40.95, -34.31
CIE LCh	57, 53.422, 320.043
Yxy	24.8651, 0.2972, 0.2166
Android (android.graphics.Color)	4289884101 (0xFFB26FC5)
YUV	140.8370, 27.6884, 32.5920
Hunter-Lab	49.8649, 34.8841, -31.4704

Details

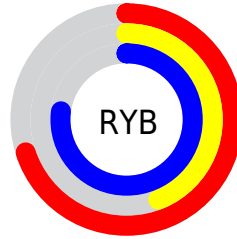
The YUV color **140.8370, 27.6884, 32.5920** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **167.1630, -27.6884, -32.5920**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4890, 28.8459, 34.6511**, and **88.5980, 26.8202, 31.0476** is the 20% darker color. If you saturate the color by 10%, you get **127.9010, 34.0658, 40.4288**, and if you desaturate by 10%, it is **153.7730, 21.3109, 24.7551**.

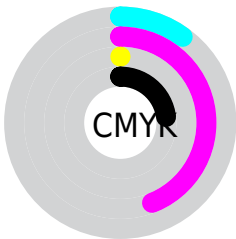
Distribution



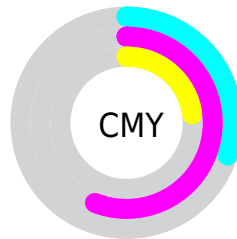
- Red (70%)
- Green (44%)
- Blue (77%)



- Red (70%)
- Yellow (44%)
- Blue (77%)



- Cyan (10%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (56%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8370, 27.6884, 32.5920 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 140.8370, 27.6884, 32.5920 by changing the saturation by 10% instead.

140.8370, 27.6884,
32.5920

140.8370, 27.6884,
32.5920

255.0000, 0.0000,
0.0000

114.1250, 27.5464,
31.4624

195.4890, 28.8459,
34.6511

88.5980, 26.8202,
31.0476

218.0190, 18.2316,
32.4323

63.4730, 26.3888,
29.4032

234.4550, 10.1287,
18.0180

36.1250, 27.5464,
31.4624

251.4780, 1.7363,
3.0888

21.8050, 22.7741,
22.0960

12.6050, 15.9707,
10.8704

3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 140.8370, 27.6884,
32.5920

■ 140.8370, 27.6884,
32.5920

■ 127.9010, 34.0658,
40.4288

■ 153.7730, 21.3109,
24.7551

■ 115.2530, 40.3013,
47.1361

■ 166.4210, 15.0754,
18.0478

■ 102.3170, 46.6787,
54.9730

■ 179.3570, 8.6980,
10.2109

■ 89.3810, 53.0562,
62.8099

■ 192.2930, 2.3206,
2.3740

■ 76.1460, 59.5810,
70.0320

■ 205.5280, -4.2043,
-4.8481

68.2050, 63.4959,
74.3652

217.8770,
-10.2924, -12.1701

230.8130,
-16.6698, -20.0070

235.8300,
-19.1432, -20.0219

237.0260,
-19.7328, -17.5628

Harmonies

Analogous

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



135.3230, 43.7178, -22.2083



140.8370, 27.6884, 32.5920



137.8940, 7.9403, 66.7450

Triad

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



140.8370, 27.6884, 32.5920



132.4940, -46.0925, 37.2778



112.3710, 26.9321, -98.5494

Complementary

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



140.8370, 27.6884, 32.5920



167.1630, -27.6884, -32.5920

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.



106.3120, 6.2552, -93.2356



140.8370, 27.6884, 32.5920



128.3710, -43.0739, 2.3056

Square

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



140.8370, 27.6884, 32.5920



134.5740, -33.8070, 63.5176



120.6720, -23.0093, -40.0543



115.1700, 45.2722, -101.0041

Rectangle

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



140.8370, 27.6884, 32.5920



135.5780, -6.2010, 75.7921



120.6720, -23.0093, -40.0543



110.5470, 19.9433, -96.9497

Sweetspot

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



140.8370, 27.6884, 32.5920



233.5360, 10.5818, 12.6849



132.5440, 31.7768, -18.8941



114.1780, 6.8142, 7.7369



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.



140.8370, 27.6884, 32.5920



168.2580, 42.7638, 50.6397



143.8960, 14.8413, 46.5722



93.1190, 2.8993, 3.4036



56.5550, 52.4774, 61.7803



12.4760, 11.5973, 13.6145

Inverse Universe

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



138.8800, -4.3778, 50.9712



165.1870, -6.5012, 78.7660



164.1040, -14.8413, -46.5722



92.9190, -0.4531, 5.3330



52.8410, -8.3026, 96.6094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 140.8370, 27.6884, 32.5920 looks on a white background.

Color Contrast Check

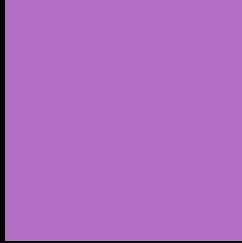
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8370, 27.6884, 32.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

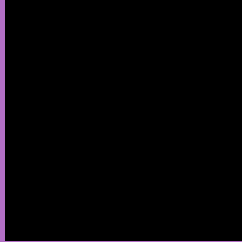
Any Text WCAG AA ✓ Pass

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 140.8370, 27.6884, 32.5920 Background



This preview shows how black text looks on a background with the YUV color 140.8370, 27.6884, 32.5920.



This preview shows how white text looks on a background with the YUV color 140.8370, 27.6884,

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

140.8370, 27.6884, 32.5920

Protanopia

135.0900, 40.3816, -25.5119

Deuteranopia

136.4150, 27.4034, -16.1500



Tritanopia

139.2960, -2.1179, 26.0504

Trichromacy



Original Color

140.8370, 27.6884, 32.5920



Protanomaly

137.3700, 35.8066, -4.7095



Deuteranomaly

137.9380, 27.6386, 1.8084



Tritanomaly

139.8800, 8.9332, 28.1692

Monochromacy



Original Color

140.8370, 27.6884, 32.5920



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8370, 27.6884, 32.5920 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(178, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 111, 197)  
}
```

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(178, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 111, 197) }
```

Border

The CSS property to change the border of an element to YUV 140.8370, 27.6884, 32.5920 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(178, 111, 197) }
```


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

```
.border{ border-color:rgb(178, 111, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 111, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 111,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 140.8370, 27.6884, 32.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 111, 197) }
```

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

```
.background{ background-color: rgb(178,  
111, 197) }
```

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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