

Converting Colors

YUV(152.9810, 35.9984,
27.2037)

Have a look what the booklet for
YUV(152.9810, 35.9984, 27.2037)
contains.

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Color

**YUV(152.9810, 35.9984,
27.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	B87BE2
RGB	184, 123, 226
RGB Percent	72%, 48%, 89%
CMY	0.2784, 0.5176, 0.1137
CMYK	0.19, 0.46, 0.00, 0.11
HSL	276°, 64%, 68%
HSV	276°, 46%, 89%
XYZ	40.5776, 29.8473, 75.5739
YIQ	152.9810, 3.2930, 44.9650

Conversions

Conversions Part 2

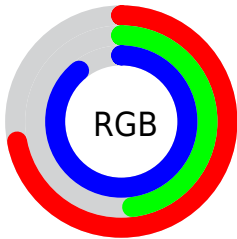
Format	Color
RYB	184, 123, 226
Decimal	12090338
CIELab	61.52, 42.34, -43.42
CIELCh	62, 60.648, 314.280
Yxy	29.8473, 0.2779, 0.2044
Android (android.graphics.Color)	4290280418 (0xFFB87BE2)
YUV	152.9810, 35.9984, 27.2037
Hunter-Lab	54.6326, 36.9711, -43.7737

Details

The YUV color **152.9810, 35.9984, 27.2037** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196.0190, -35.9984, -27.2037**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3270, 24.4888, 32.1622**, and **100.2150, 34.4040, 25.2444** is the 20% darker color. If you saturate the color by 10%, you get **136.7890, 43.9810, 33.5110**, and if you desaturate by 10%, it is **169.1730, 28.0157, 20.8963**.

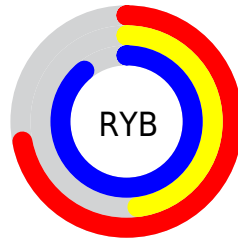
Distribution



Red (72%)

Green (48%)

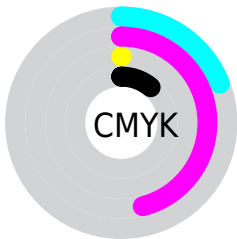
Blue (89%)



Red (72%)

Yellow (48%)

Blue (89%)

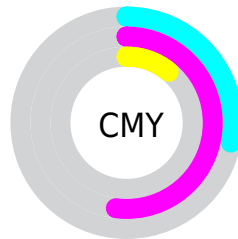


Cyan (19%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.9810, 35.9984, 27.2037 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 152.9810, 35.9984, 27.2037 by changing the saturation by 10% instead.

■ 152.9810, 35.9984,
27.2037

■ 152.9810, 35.9984,
27.2037

255.0000, 0.0000,
0.0000

■ 126.1550, 35.4196,
26.1741

■ 205.3270, 24.4888,
32.1622

■ 100.2150, 34.4040,
25.2444

■ 225.6500, 14.4696,
25.7400

■ 74.3890, 33.8252,
24.2148

■ 242.0860, 6.3666,
11.3256

■ 48.9760, 33.5358,
23.7000

■ 25.4380, 32.8151,
21.5409

■ 15.8250, 25.7223,
9.8005

■ 5.1300, 19.6559,

-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 152.9810, 35.9984,
27.2037

■ 152.9810, 35.9984,
27.2037

■ 136.7890, 43.9810,
33.5110

■ 169.1730, 28.0157,
20.8963

■ 121.1840, 51.6743,
39.3036

■ 184.7780, 20.3224,
15.1037

■ 104.6930, 59.8044,
44.9962

■ 201.2690, 12.1924,
9.4111

■ 89.0880, 67.4976,
50.7888

■ 216.8740, 4.4991,
3.6185

72.8960, 75.4803,
57.0962

233.0660, -3.4835,
-2.6889

65.8300, 78.9638,
59.7851

246.9100,
-10.3086, -6.9371

249.9000,
-11.7827, -0.7893

251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



142.0520, 54.6974, -43.8956



152.9810, 35.9984, 27.2037



149.3490, 14.6179, 71.6079

Triad

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



152.9810, 35.9984, 27.2037



143.5510, -52.5296, 48.6288



121.8600, 25.2120, -106.8712

Complementary

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



152.9810, 35.9984, 27.2037



196.0190, -35.9984, -27.2037

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.



114.4160, 1.7669, -100.3428



152.9810, 35.9984, 27.2037



139.2660, -53.8681, 11.1677

Square

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



152.9810, 35.9984, 27.2037



145.2490, -34.1398, 76.9576



132.2890, -32.1875, -36.2105



125.6850, 47.4833, -110.2257

Rectangle

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



152.9810, 35.9984, 27.2037



146.4960, -1.7235, 86.3880



132.2890, -32.1875, -36.2105



119.8080, 17.3497, -105.0716

Sweetspot

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



152.9810, 35.9984, 27.2037



229.3830, 12.6292, 9.3111



159.9830, 32.5464, -32.4341



112.3950, 7.6933, 5.7926



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.



152.9810, 35.9984, 27.2037



155.7770, 48.9169, 37.0296



164.5130, 25.8761, 53.9241



104.3470, 3.7729, 3.2037



51.1600, 61.5461, 46.3407



14.1430, 16.6915, 13.0296

Inverse Universe

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



158.5850, 3.1626, 59.1230



163.3580, 4.2605, 80.3700



184.4870, -25.8761, -53.9241



104.8590, 0.5625, 6.2627



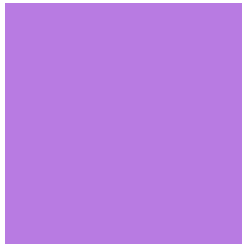
60.8320, 5.5058, 101.0023



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 152.9810, 35.9984, 27.2037 looks on a white background.

Color Contrast Check

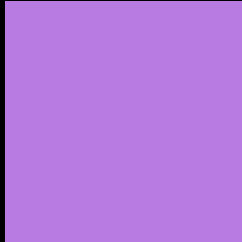
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.9810, 35.9984, 27.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

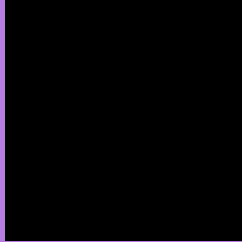
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 152.9810, 35.9984, 27.2037

Background



This preview shows how black text looks on a background with the YUV color 152.9810, 35.9984, 27.2037.



This preview shows how white text looks on a background with the YUV color 152.9810, 35.9984, 27.2037.

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

152.9810, 35.9984, 27.2037

Protanopia

146.0380, 49.2813, -33.3593

Deuteranopia

147.0530, 36.4559, -26.3565



Tritanopia

150.8220, 0.0878, 18.5731

Trichromacy



Original Color

152.9810, 35.9984, 27.2037



Protanomaly

148.9160, 44.4114, -11.3273



Deuteranomaly

149.1740, 36.3962, -7.1686



Tritanomaly

151.5740, 13.0280, 21.4216

Monochromacy



Original Color

152.9810, 35.9984, 27.2037



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9100, 13.3554, 9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9810, 35.9984, 27.2037 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(184, 123, 226)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 226)  
}
```

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(184, 123, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 226) }
```

Border

The CSS property to change the border of an element to YUV 152.9810, 35.9984, 27.2037 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(184, 123, 226) }
```


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

```
.border{ border-color:rgb(184, 123, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 226);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 152.9810, 35.9984, 27.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 226) }
```

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

```
.background{ background-color: rgb(184,  
123, 226) }
```

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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