

Converting Colors

YUV(155.6350, 27.2949,
18.7371)

Have a look what the booklet for
YUV(155.6350, 27.2949, 18.7371)
contains.

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Color

**YUV(155.6350, 27.2949,
18.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	B186D3
RGB	177, 134, 211
RGB Percent	69%, 53%, 83%
CMY	0.3059, 0.4745, 0.1725
CMYK	0.16, 0.36, 0.00, 0.17
HSL	274°, 47%, 68%
HSV	274°, 36%, 83%
XYZ	38.4144, 31.1005, 65.6063
YIQ	155.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

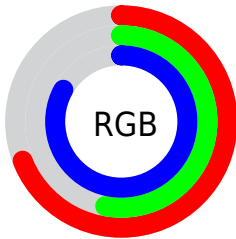
Format	Color
RYB	177, 134, 211
Decimal	11634387
CIELab	62.59, 30.92, -33.42
CIELCh	63, 45.527, 312.771
Yxy	31.1005, 0.2843, 0.2302
Android (android.graphics.Color)	4289824467 (0xFFB186D3)
YUV	155.6350, 27.2949, 18.7371
Hunter-Lab	55.7678, 25.3622, -30.7125

Details

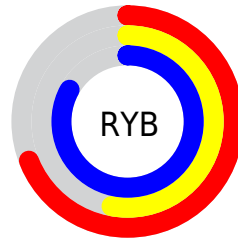
The YUV color **155.6350, 27.2949, 18.7371** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **189.3650, -27.2949, -18.7371**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3920, 22.4847, 21.5812**, and **103.8690, 25.7006, 16.7779** is the 20% darker color. If you saturate the color by 10%, you get **140.6170, 34.6988, 24.0149**, and if you desaturate by 10%, it is **170.6530, 19.8911, 13.4593**.

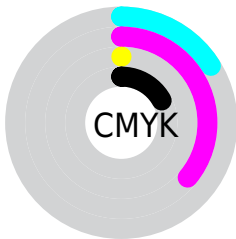
Distribution



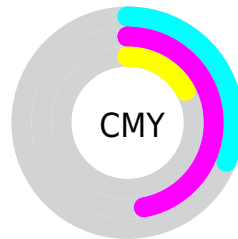
- Red (69%)
- Green (53%)
- Blue (83%)



- Red (69%)
- Yellow (53%)
- Blue (83%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6350, 27.2949, 18.7371 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 155.6350, 27.2949, 18.7371 by changing the saturation by 10% instead.

■ 155.6350, 27.2949,
18.7371

■ 155.6350, 27.2949,
18.7371

255.0000, 0.0000,
0.0000

■ 129.1080, 26.5688,
18.3223

■ 209.3920, 22.4847,
21.5812

■ 103.8690, 25.7006,
16.7779

■ 232.1070, 11.2862,
20.0772

■ 79.0430, 25.1218,
15.7483

■ 248.5430, 3.1833,
5.6628

■ 55.1030, 24.1062,
14.8187

■ 31.3910, 23.9642,
13.6891

■ 14.2720, 21.0649,
10.2855

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 155.6350, 27.2949,
18.7371

■ 155.6350, 27.2949,
18.7371

■ 140.6170, 34.6988,
24.0149

■ 170.6530, 19.8911,
13.4593

■ 125.3000, 42.2501,
28.6779

■ 185.9700, 12.3398,
8.7963

■ 110.2820, 49.6540,
33.9557

■ 200.9880, 4.9359,
3.5185

■ 95.2640, 57.0578,
39.2335

■ 216.0060, -2.4680,
-1.7593

79.9470, 64.6091,
43.8965

231.9100,
-10.3086, -6.9371

64.3420, 72.3024,
49.6891

243.4060,
-15.9762, -9.1261

59.3360, 74.7704,
51.4483

246.0970,
-17.3028, -3.5931

249.0870,
-18.7769, 2.5547

249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



148.6550, 40.1031, -29.5154



155.6350, 27.2949, 18.7371



155.0770, 10.3150, 51.6755

Triad

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



155.6350, 27.2949, 18.7371



149.3940, -37.6622, 39.9965



120.1160, 23.6068, -105.3417

Complementary

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



155.6350, 27.2949, 18.7371



189.3650, -27.2949, -18.7371

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.



129.4030, -1.6777, -68.7594



155.6350, 27.2949, 18.7371



146.3920, -38.1543, 11.0572

Square

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



155.6350, 27.2949, 18.7371



150.9140, -26.0866, 60.5884



141.2010, -25.2421, -23.8553



123.1600, 40.3471, -108.0113

Rectangle

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



155.6350, 27.2949, 18.7371



153.2390, -2.0898, 63.8114



141.2010, -25.2421, -23.8553



118.5200, 17.4916, -103.9420

Sweetspot

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



155.6350, 27.2949, 18.7371



234.9760, 9.8718, 7.0370



163.3230, 23.5048, -25.7163



115.6290, 6.0989, 3.8334



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.



155.6350, 27.2949, 18.7371



174.3060, 39.7821, 26.9186



165.3450, 20.5359, 40.0394



97.0480, 3.9203, 2.5889



47.2580, 59.5258, 40.9927



11.5510, 14.5184, 10.0408

Inverse Universe

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



160.8990, 3.5008, 43.9386



182.0740, 4.8935, 63.9561



179.6550, -20.5359, -40.0394



97.8590, 0.5625, 6.2627



58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 155.6350, 27.2949, 18.7371 looks on a white background.

Color Contrast Check

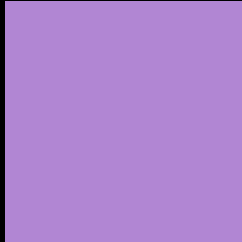
Large Text (above 18pt) WCAG AA × Fail

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 155.6350, 27.2949, 18.7371 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 ✓ Pass

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

YUV 155.6350, 27.2949, 18.7371

Background



This preview shows how black text looks on a background with the YUV color 155.6350, 27.2949, 18.7371.



This preview shows how white text looks on a background with the YUV color 155.6350, 27.2949,

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

155.6350, 27.2949, 18.7371

Protanopia

150.8580, 35.5660, -20.9235

Deuteranopia

151.8280, 27.6928, -15.6352



Tritanopia

153.2450, 1.8512, 12.9401

Trichromacy



Original Color

155.6350, 27.2949, 18.7371

Protanomaly

152.8490, 32.6124, -6.8836

Deuteranomaly

153.2040, 27.5074, -2.8099

Tritanomaly

154.0740, 11.3025, 14.8441

Monochromacy



Original Color

155.6350, 27.2949, 18.7371

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6350, 27.2949, 18.7371 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(177, 134, 211)` looks like.

```
.text, #text, p{  
    color:rgb(177, 134, 211)  
}
```

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(177, 134, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 134, 211) }
```

Border

The CSS property to change the border of an element to YUV 155.6350, 27.2949, 18.7371 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(177, 134, 211) }
```


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

```
.border{ border-color:rgb(177, 134, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 134, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 134, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 134, 211);  
box-shadow:4px 4px 4px 4px rgb(177, 134,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 155.6350, 27.2949, 18.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 134, 211) }
```

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

```
.background{ background-color: rgb(177,  
134, 211) }
```

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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