

Converting Colors

YUV(155.0250, 49.2877,
11.3791)

Have a look what the booklet for
YUV(155.0250, 49.2877, 11.3791)
contains.

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Color

**YUV(155.0250, 49.2877,
11.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	A881FF
RGB	168, 129, 255
RGB Percent	66%, 51%, 100%
CMY	0.3412, 0.4941, 0.0000
CMYK	0.34, 0.49, 0.00, 0.00
HSL	259°, 100%, 75%
HSV	259°, 49%, 100%
XYZ	42.0487, 31.2453, 98.4225
YIQ	155.0250, -17.2020, 47.4540

Conversions

Conversions Part 2

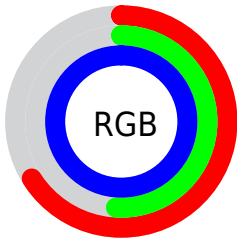
Format	Color
R_{YB}	168, 129, 255
Decimal	11043327
CIE _{Lab}	62.71, 41.70, -57.66
CIE _{LCh}	63, 71.162, 305.872
Yxy	31.2453, 0.2449, 0.1820
Android (android.graphics.Color)	4289233407 (0xFFA881FF)
YUV	155.0250, 49.2877, 11.3791
Hunter-Lab	55.8975, 36.4553, -65.2675

Details

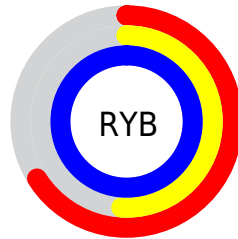
The YUV color **155.0250, 49.2877, 11.3791** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **228.9750, -49.2877, -11.3791**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0650, 25.1110, 19.2370**, and **102.1340, 47.2619, 7.7755** is the 20% darker color. If you saturate the color by 10%, you get **134.9680, 59.1758, 13.1831**, and if you desaturate by 10%, it is **175.6690, 39.1102, 9.0603**.

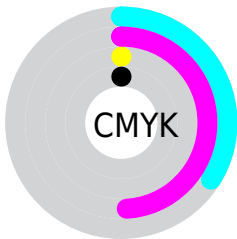
Distribution



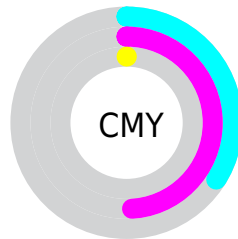
- Red (66%)
- Green (51%)
- Blue (100%)



- Red (66%)
- Yellow (51%)
- Blue (100%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0250, 49.2877, 11.3791 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 155.0250, 49.2877, 11.3791 by changing the saturation by 10% instead.

155.0250, 49.2877,
11.3791

155.0250, 49.2877,
11.3791

255.0000, 0.0000,
0.0000

127.7860, 48.4195,
9.8347

204.0650, 25.1110,
19.2370

102.1340, 47.2619,
7.7755

229.1720, 12.7332,
22.6512

75.8950, 46.3938,
6.2311

245.6080, 4.6303,
8.2368

50.3460, 45.6784,
2.3276

21.8180, 46.4317,
-5.9794

10.3740, 39.7486,
-9.0980

7.6380, 29.2655,

-6.6985

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 155.0250, 49.2877,
11.3791

■ 155.0250, 49.2877,
11.3791

■ 134.9680, 59.1758,
13.1831

■ 175.6690, 39.1102,
9.0603

■ 114.6230, 69.2059,
16.1166

■ 195.4270, 29.3695,
6.6415

■ 94.5660, 79.0940,
17.9206

■ 216.0710, 19.1920,
4.3227

■ 74.2210, 89.1240,
20.8542

■ 235.8290, 9.4513,
1.9040

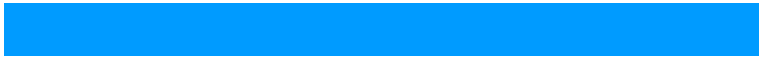
■ 54.1640, 99.0121, 255.0000, 0.0000,
22.6582 0.0000

■ 52.6910, 99.7383,
23.0730

Harmonies

Analogous

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



120.0550, 66.5279, -105.2882



155.0250, 49.2877, 11.3791



152.3460, 25.9584, 74.2416

Triad

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



155.0250, 49.2877, 11.3791



144.7230, -60.0094, 67.7719



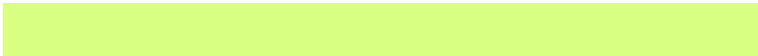
124.8290, 18.8183, -109.4750

Complementary

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



155.0250, 49.2877, 11.3791



228.9750, -49.2877, -11.3791

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.



114.9570, -8.8528, -100.8173



155.0250, 49.2877, 11.3791



140.6410, -69.3360, 25.7478

Square

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



155.0250, 49.2877, 11.3791



144.7660, -31.4366, 96.6752



133.8760, -49.2389, -27.0783



130.6090, 46.0418, -114.5441

Rectangle

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



155.0250, 49.2877, 11.3791



145.3090, 8.7217, 96.1990



133.8760, -49.2389, -27.0783



121.7340, 9.4981, -106.7607

Sweetspot

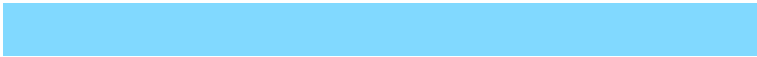
The Sweet Spot groups the original color and five complimentary colors.



155.0250, 49.2877, 11.3791



224.9200, 14.8294, 3.5782



195.0200, 29.5701, -57.8995



109.7150, 9.0145, 2.0039



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.



155.0250, 49.2877, 11.3791



135.8540, 58.7390, 13.2830



173.5630, 40.1484, 49.4952



117.6780, 5.0887, 1.1594



39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Inverse Universe

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



176.5920, 19.4281, 68.7638



161.5920, 22.8791, 81.9188



210.4370, -40.1484, -49.4952



119.9130, 2.0149, 7.0923



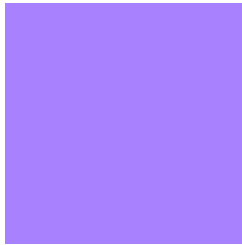
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 155.0250, 49.2877, 11.3791 looks on a white background.

Color Contrast Check

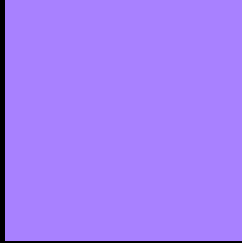
Large Text (above 18pt) WCAG AA × Fail

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 155.0250, 49.2877, 11.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

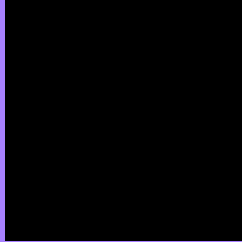
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.0250, 49.2877, 11.3791

Background



This preview shows how black text looks on a background with the YUV color 155.0250, 49.2877, 11.3791.



This preview shows how white text looks on a background with the YUV color 155.0250, 49.2877, 11.3791.

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

155.0250, 49.2877, 11.3791

Protanopia

147.6400, 52.9285, -36.5183

Deuteranopia

144.0360, 52.2403, -49.1436



Tritanopia

151.7700, 5.5364, -2.4293

Trichromacy



Original Color

155.0250, 49.2877, 11.3791

Protanomaly

150.4080, 51.5639, -18.7748

Deuteranomaly

148.2390, 51.1542, -27.3966

Tritanomaly

152.9290, 21.2340, 2.6933

Monochromacy



Original Color

155.0250, 49.2877, 11.3791

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.3160, 17.5922, 4.1079

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0250, 49.2877, 11.3791 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(168, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 129, 255)  
}
```

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(168, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 129, 255) }
```

Border

The CSS property to change the border of an element to YUV 155.0250, 49.2877, 11.3791 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(168, 129, 255) }
```


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

```
.border{ border-color:rgb(168, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 155.0250, 49.2877, 11.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 129, 255) }
```

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

```
.background{ background-color: rgb(168,  
129, 255) }
```

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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