

Converting Colors

YUV(151.8330, 37.0573,
14.1785)

Have a look what the booklet for
YUV(151.8330, 37.0573, 14.1785)
contains.

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Color

**YUV(151.8330, 37.0573,
14.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	A881E3
RGB	168, 129, 227
RGB Percent	66%, 51%, 89%
CMY	0.3412, 0.4941, 0.1098
CMYK	0.26, 0.43, 0.00, 0.11
HSL	264°, 64%, 70%
HSV	264°, 43%, 89%
XYZ	37.8638, 29.5714, 76.3853
YIQ	151.8330, -8.2140, 38.7460

Conversions

Conversions Part 2

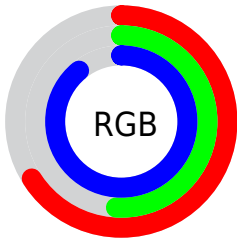
Format	Color
R _Y B	168, 129, 227
Decimal	11043299
CIE Lab	61.28, 34.79, -44.46
CIE LCh	61, 56.456, 308.038
Yxy	29.5714, 0.2633, 0.2056
Android (android.graphics.Color)	4289233379 (0xFFA881E3)
YUV	151.8330, 37.0573, 14.1785
Hunter-Lab	54.3796, 29.1231, -45.2170

Details

The YUV color **151.8330, 37.0573, 14.1785** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **204.1670, -37.0573, -14.1785**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1790, 25.5478, 19.1370**, and **99.6540, 35.1736, 11.7044** is the 20% darker color. If you saturate the color by 10%, you get **134.1460, 45.7770, 17.4120**, and if you desaturate by 10%, it is **169.5200, 28.3376, 10.9450**.

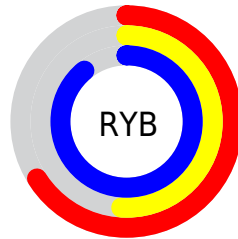
Distribution



Red (66%)

Green (51%)

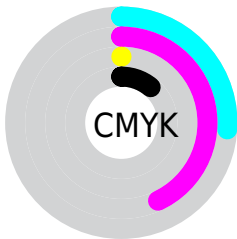
Blue (89%)



Red (66%)

Yellow (51%)

Blue (89%)

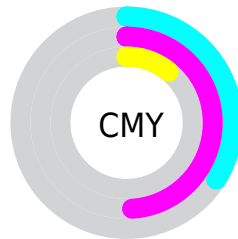


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8330, 37.0573, 14.1785 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 151.8330, 37.0573, 14.1785 by changing the saturation by 10% instead.

151.8330, 37.0573,
14.1785

151.8330, 37.0573,
14.1785

255.0000, 0.0000,
0.0000

125.0070, 36.4785,
13.1489

203.1790, 25.5478,
19.1370

99.6540, 35.1736,
11.7044

228.2860, 13.1700,
22.5512

74.7140, 34.1580,
10.7748

245.6080, 4.6303,
8.2368

50.1760, 33.4372,
8.6156

25.7520, 33.1533,
6.3565

9.9590, 29.1072,
-2.5950

6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 151.8330, 37.0573,
14.1785

■ 151.8330, 37.0573,
14.1785

■ 134.1460, 45.7770,
17.4120

■ 169.5200, 28.3376,
10.9450

■ 117.3450, 54.0599,
20.7454

■ 186.3210, 20.0547,
7.6115

■ 99.6580, 62.7796,
23.9789

■ 204.0080, 11.3351,
4.3780

■ 81.9710, 71.4993,
27.2124

■ 221.6950, 2.6154,
1.1445

■ 64.5830, 80.0716,
31.0607

■ 239.0830, -5.9569,
-2.7038

■ 52.7880, 85.8865,
32.6349

■ 250.3130,
-11.4933, -0.2745

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



136.8500, 54.3040, -57.7504



151.8330, 37.0573, 14.1785



150.6680, 17.4187, 59.9272

Triad

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



151.8330, 37.0573, 14.1785



144.4080, -45.5571, 52.2622



119.2040, 20.1124, -104.5419

Complementary

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



151.8330, 37.0573, 14.1785



204.1670, -37.0573, -14.1785

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.



112.2160, -1.5855, -98.4134



151.8330, 37.0573, 14.1785



141.0480, -49.8167, 18.3749

Square

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



151.8330, 37.0573, 14.1785



145.2580, -27.7352, 76.0727



134.9810, -34.9936, -22.7853



123.5020, 41.6575, -108.3113

Rectangle

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



151.8330, 37.0573, 14.1785



147.5810, 2.6716, 76.6665



134.9810, -34.9936, -22.7853



117.2660, 12.6869, -102.8423

Sweetspot

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



151.8330, 37.0573, 14.1785



229.6490, 12.4980, 4.6928



175.3920, 25.4427, -40.6858



111.7860, 7.9935, 2.8187



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.



151.8330, 37.0573, 14.1785



153.0090, 50.2816, 19.2861



166.1850, 29.9818, 43.6878



105.8630, 4.5045, 1.8741



41.6350, 67.7209, 25.7531



11.7940, 19.3286, 7.1967

Inverse Universe

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



165.0280, 11.3252, 54.3494



170.8870, 15.3387, 73.7671



189.8150, -29.9818, -43.6878



107.3860, 1.2887, 6.6775



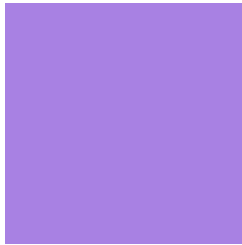
65.7190, 20.3515, 99.3474



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 151.8330, 37.0573, 14.1785 looks on a white background.

Color Contrast Check

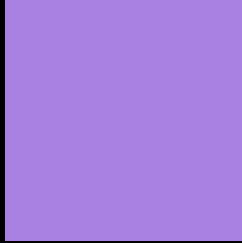
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.8330, 37.0573, 14.1785 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 151.8330, 37.0573, 14.1785

Background



This preview shows how black text looks on a background with the YUV color 151.8330, 37.0573, 14.1785.



This preview shows how white text looks on a background with the YUV color 151.8330, 37.0573, 14.1785.

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

151.8330, 37.0573, 14.1785

Protanopia

145.4790, 47.0919, -31.1151

Deuteranopia

145.4980, 38.2085, -28.5007



Tritanopia

149.2440, 3.3307, 5.0480

Trichromacy



Original Color

151.8330, 37.0573, 14.1785

Protanomaly

147.6660, 43.5487, -14.6161

Deuteranomaly

147.4830, 37.7229, -12.7016

Tritanomaly

150.1810, 15.6868, 8.6113

Monochromacy



Original Color

151.8330, 37.0573, 14.1785

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1760, 13.2242, 5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8330, 37.0573, 14.1785 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(168, 129, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 129, 227) }
```

Border

The CSS property to change the border of an element to YUV 151.8330, 37.0573, 14.1785 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, 227) }
```


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

```
.border{ border-color:rgb(168, 129, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 129, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 129, 227);  
box-shadow:4px 4px 4px 4px rgb(168, 129,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 151.8330, 37.0573, 14.1785 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, 227) }
```

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

```
.background{ background-color: rgb(168,  
129, 227) }
```

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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