

Converting Colors

YUV(147.5730, 14.5075,
13.5295)

Have a look what the booklet for
YUV(147.5730, 14.5075, 13.5295)
contains.

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Color

**YUV(147.5730, 14.5075,
13.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	A386B1
RGB	163, 134, 177
RGB Percent	64%, 53%, 69%
CMY	0.3608, 0.4745, 0.3059
CMYK	0.08, 0.24, 0.00, 0.31
HSL	280°, 22%, 61%
HSV	280°, 24%, 69%
XYZ	31.5652, 28.0110, 45.3380
YIQ	147.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

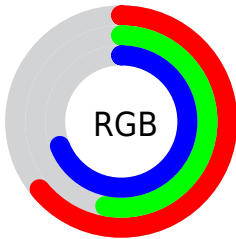
Format	Color
RYB	163, 134, 177
Decimal	10716849
CIELab	59.90, 19.10, -18.49
CIELCh	60, 26.584, 315.938
Yxy	28.0110, 0.3009, 0.2670
Android (android.graphics.Color)	4288906929 (0xFFA386B1)
YUV	147.5730, 14.5075, 13.5295
Hunter-Lab	52.9255, 13.8392, -13.7423

Details

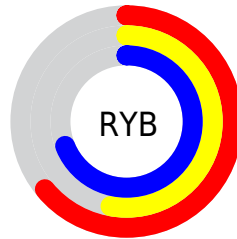
The YUV color **147.5730, 14.5075, 13.5295** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **163.4270, -14.5075, -13.5295**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5130, 15.5231, 14.4591**, and **96.6330, 13.4919, 12.5999** is the 20% darker color. If you saturate the color by 10%, you get **135.2130, 20.6010, 19.1072**, and if you desaturate by 10%, it is **159.9330, 8.4140, 7.9518**.

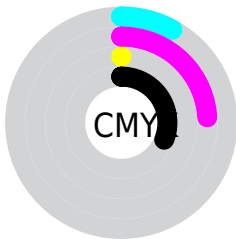
Distribution



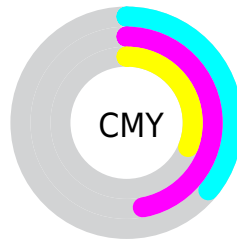
- Red (64%)
- Green (53%)
- Blue (69%)



- Red (64%)
- Yellow (53%)
- Blue (69%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5730, 14.5075, 13.5295 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 147.5730, 14.5075, 13.5295 by changing the saturation by 10% instead.

■ 147.5730, 14.5075,
13.5295

■ 147.5730, 14.5075,
13.5295

■ 255.0000, 0.0000,
0.0000

■ 122.0460, 13.7813,
13.1147

■ 201.5130, 15.5231,
14.4591

■ 96.6330, 13.4919,
12.5999

■ 229.1280, 12.7549,
15.6737

■ 72.8070, 12.9131,
11.5703

■ 248.5430, 3.1833,
5.6628

■ 49.3940, 12.6238,
11.0555

■ 28.4540, 11.6082,
10.1258

■ 10.2260, 10.7346,
10.3258

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 147.5730, 14.5075,
13.5295

■ 147.5730, 14.5075,
13.5295

■ 135.2130, 20.6010,
19.1072

■ 159.9330, 8.4140,
7.9518

■ 123.4400, 26.4051,
24.1701

■ 171.7060, 2.6099,
2.8888

■ 111.3790, 32.3512,
30.3626

■ 183.7670, -3.3361,
-3.3037

■ 99.0190, 38.4446,
35.9403

■ 196.1270, -9.4296,
-8.8814

■ 87.2460, 44.2487,
41.0033

■ 207.9000,
-15.2337, -13.9443

74.8860, 50.3422,
46.5810

220.2600,
-21.3272, -19.5220

62.8250, 56.2883,
52.7735

230.5600,
-26.4051, -24.1701

55.7590, 59.7718,
55.4624

232.3540,
-27.2895, -20.4815

234.1480,
-28.1740, -16.7928

Harmonies

Analogous

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



144.3680, 22.0036, -10.8467



147.5730, 14.5075, 13.5295



147.9360, 3.9756, 31.6281

Triad

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



147.5730, 14.5075, 13.5295



144.0080, -22.1889, 23.6720



131.7700, 11.9454, -51.5413

Complementary

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



147.5730, 14.5075, 13.5295



163.4270, -14.5075, -13.5295

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.



134.7260, -1.3439, -35.7167



147.5730, 14.5075, 13.5295



141.8270, -21.1137, 5.4137

Square

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



147.5730, 14.5075, 13.5295



145.8660, -16.6959, 35.1975



138.9430, -13.7759, -14.8590



132.6910, 21.8443, -53.2260

Rectangle

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



147.5730, 14.5075, 13.5295



147.3190, -3.6083, 37.4312



138.9430, -13.7759, -14.8590



132.6520, 7.5666, -47.0528

Sweetspot

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



147.5730, 14.5075, 13.5295



218.2270, 5.8041, 5.0629



147.1200, 14.7308, -11.5062



108.8200, 3.0467, 2.7889



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.5730, 14.5075, 13.5295



184.0930, 22.6322, 20.9664



150.9610, 9.3862, 22.8362



82.8200, 3.0467, 2.7889



48.2390, 51.6472, 48.0254



8.0470, 8.8508, 7.8518

Inverse Universe

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



148.4530, -0.2233, 25.0357



185.5410, -0.2667, 38.9905



160.0390, -9.3862, -22.8362



83.0330, -0.0163, 5.2331



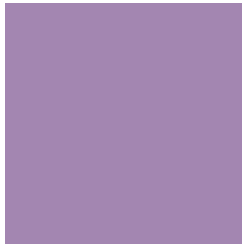
51.4470, -0.7134, 89.0620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 147.5730, 14.5075, 13.5295 looks on a white background.

Color Contrast Check

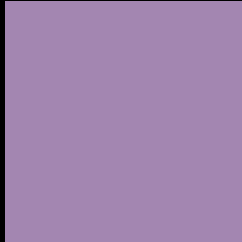
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5730, 14.5075, 13.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

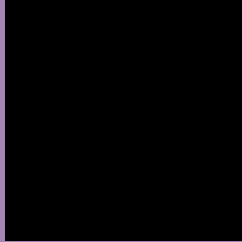
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.5730, 14.5075, 13.5295

Background



This preview shows how black text looks on a background with the YUV color 147.5730, 14.5075, 13.5295.



This preview shows how white text looks on a background with the YUV color 147.5730, 14.5075,

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

147.5730, 14.5075, 13.5295

Protanopia

144.8690, 18.7986, -9.5321

Deuteranopia

145.5880, 14.9931, -2.2697



Tritanopia

146.2340, 1.8566, 11.1958

Trichromacy



Original Color

147.5730, 14.5075, 13.5295

Protanomaly

146.1690, 17.1717, -1.0252

Deuteranomaly

145.9200, 14.8294, 3.5782

Tritanomaly

146.4990, 6.6560, 11.8404

Monochromacy



Original Color

147.5730, 14.5075, 13.5295

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5730, 14.5075, 13.5295 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(163, 134, 177)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 177)  
}
```

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(163, 134, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 177) }
```

Border

The CSS property to change the border of an element to YUV 147.5730, 14.5075, 13.5295 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(163, 134, 177) }
```


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

```
.border{ border-color:rgb(163, 134, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 177);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 147.5730, 14.5075, 13.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 177) }
```

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

```
.background{ background-color: rgb(163,  
134, 177) }
```

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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