

Converting Colors

YUV(150.9320, 13.3445,
13.2146)

Have a look what the booklet for
YUV(150.9320, 13.3445, 13.2146)
contains.

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Color

**YUV(150.9320, 13.3445,
13.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	A68AB2
RGB	166, 138, 178
RGB Percent	65%, 54%, 70%
CMY	0.3490, 0.4588, 0.3020
CMYK	0.07, 0.22, 0.00, 0.30
HSL	282°, 21%, 62%
HSV	282°, 22%, 70%
XYZ	32.8502, 29.4983, 46.0818
YIQ	150.9320, 3.8480, 18.3760

Conversions

Conversions Part 2

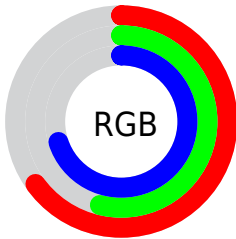
Format	Color
RYB	166, 138, 178
Decimal	10914482
CIELab	61.22, 18.05, -17.02
CIELCh	61, 24.811, 316.675
Yxy	29.4983, 0.3030, 0.2720
Android (android.graphics.Color)	4289104562 (0xFFA68AB2)
YUV	150.9320, 13.3445, 13.2146
Hunter-Lab	54.3123, 12.9172, -12.2865

Details

The YUV color **150.9320, 13.3445, 13.2146** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165.0680, -13.3445, -13.2146**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4590, 14.0707, 13.6295**, and **99.9920, 12.3289, 12.2850** is the 20% darker color. If you saturate the color by 10%, you get **138.8710, 19.2906, 19.4071**, and if you desaturate by 10%, it is **162.9930, 7.3985, 7.0221**.

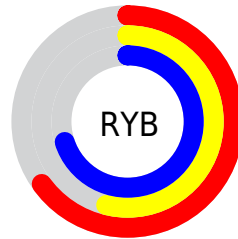
Distribution



Red (65%)

Green (54%)

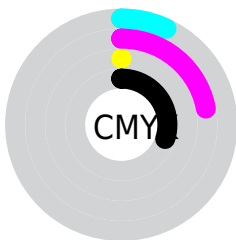
Blue (70%)



Red (65%)

Yellow (54%)

Blue (70%)

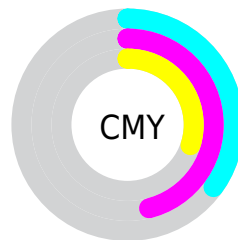


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (30%)



Cyan (35%)


Magenta (46%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.9320, 13.3445, 13.2146 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 150.9320, 13.3445, 13.2146 by changing the saturation by 10% instead.


 150.9320, 13.3445,
13.2146


 150.9320, 13.3445,
13.2146


255.0000, 0.0000,
0.0000


 124.5190, 13.0551,
12.6998


 205.4590, 14.0707,
13.6295


 99.9920, 12.3289,
12.2850


 232.3730, 11.1551,
15.4589

 75.5790, 12.0396,
11.7702

 250.8910, 2.0257,
3.6036

 52.7530, 11.4608,
10.7406

 30.9270, 10.8820,
9.7110

 11.1230, 10.2924,
12.1701

 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 150.9320, 13.3445,
13.2146

■ 150.9320, 13.3445,
13.2146

■ 138.8710, 19.2906,
19.4071

■ 162.9930, 7.3985,
7.0221

■ 126.5110, 25.3841,
24.9849

■ 175.3530, 1.3050,
1.4444

■ 115.0370, 31.0408,
30.6626

■ 186.8270, -4.3517,
-4.2333

■ 102.9760, 36.9868,
36.8550

■ 198.8880,
-10.2978, -10.4258

■ 90.6160, 43.0803,
42.4328

■ 211.2480,
-16.3913, -16.0035

78.5550, 49.0264,
48.6253

223.3090,
-22.3373, -22.1960

66.4940, 54.9725,
54.8178

230.6740,
-25.9683, -24.2701

57.6670, 59.3242,
59.0510

232.4680,
-26.8527, -20.5814

233.9630,
-27.5898, -17.5076

Harmonies

Analogous

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



148.6240, 20.3984, -9.3172



150.9320, 13.3445, 13.2146



151.3980, 3.2548, 29.4690

Triad

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



150.9320, 13.3445, 13.2146



147.3390, -20.8731, 21.6277



136.9770, 11.3503, -47.3378

Complementary

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



150.9320, 13.3445, 13.2146



165.0680, -13.3445, -13.2146

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.



139.1500, -1.0600, -33.4576



150.9320, 13.3445, 13.2146



145.1690, -19.8033, 5.1138

Square

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



150.9320, 13.3445, 13.2146



149.0830, -15.8169, 33.2532



142.5840, -12.6129, -14.5442



138.2680, 20.0809, -47.5930

Rectangle

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



150.9320, 13.3445, 13.2146



151.0090, -3.4554, 35.0721



142.5840, -12.6129, -14.5442



137.5600, 7.1189, -43.4641

Sweetspot

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



150.9320, 13.3445, 13.2146



221.1130, 5.3673, 5.1629



149.6040, 13.9992, -10.1767



110.8200, 3.0467, 2.7889



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



150.9320, 13.3445, 13.2146



189.3380, 21.0324, 20.7516



153.6080, 8.0813, 21.3918



83.1190, 2.8993, 3.4036



49.4350, 51.0575, 50.4845



8.3460, 8.7034, 8.4666

Inverse Universe

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



151.3280, -0.6547, 23.3913



190.0030, -0.9875, 36.8314



162.3920, -8.0813, -21.3918



83.0330, -0.0163, 5.2331



50.9910, -2.4606, 89.4619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 150.9320, 13.3445, 13.2146 looks on a white background.

Color Contrast Check

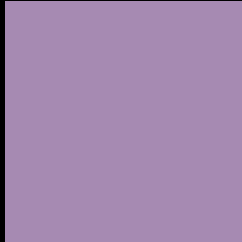
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.9320, 13.3445, 13.2146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

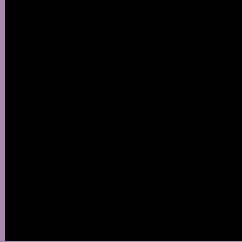
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.9320, 13.3445, 13.2146

Background



This preview shows how black text looks on a background with the YUV color 150.9320, 13.3445, 13.2146.



This preview shows how white text looks on a background with the YUV color 150.9320, 13.3445, 13.2146.

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

150.9320, 13.3445, 13.2146

Protanopia

148.2390, 17.6302, -8.1026

Deuteranopia

149.5450, 13.5353, -1.3550



Tritanopia

149.3480, 2.2934, 11.0958

Trichromacy



Original Color

150.9320, 13.3445, 13.2146

Protanomaly

149.2400, 16.1507, -0.2105

Deuteranomaly

149.8770, 13.3716, 4.4929

Tritanomaly

150.0860, 6.3666, 11.3256

Monochromacy



Original Color

150.9320, 13.3445, 13.2146

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7000, 5.0779, 4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9320, 13.3445, 13.2146 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(166, 138, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 138, 178)  
}
```

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(166, 138, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 138, 178) }
```

Border

The CSS property to change the border of an element to YUV 150.9320, 13.3445, 13.2146 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(166, 138, 178) }
```


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

```
.border{ border-color:rgb(166, 138, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 138, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 138, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 138, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 138,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 150.9320, 13.3445, 13.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 138, 178) }
```

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

```
.background{ background-color: rgb(166,  
138, 178) }
```

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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