

Converting Colors

YUV(145.6610, 11.0131,
14.3293)

Have a look what the booklet for
YUV(145.6610, 11.0131, 14.3293)
contains.

YUV(145.6610, 11.0131, 14.3293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.6610, 11.0131,
14.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	A285A8
RGB	162, 133, 168
RGB Percent	64%, 52%, 66%
CMY	0.3647, 0.4784, 0.3412
CMYK	0.04, 0.21, 0.00, 0.34
HSL	290°, 17%, 59%
HSV	290°, 21%, 66%
XYZ	30.3557, 27.2836, 40.7121
YIQ	145.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

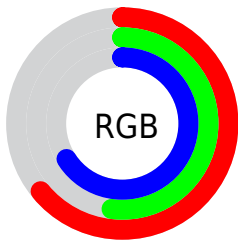
Format	Color
RYB	162, 133, 168
Decimal	10651048
CIELab	59.24, 17.48, -14.37
CIELCh	59, 22.627, 320.582
Yxy	27.2836, 0.3086, 0.2774
Android (android.graphics.Color)	4288841128 (0xFFA285A8)
YUV	145.6610, 11.0131, 14.3293
Hunter-Lab	52.2337, 12.3266, -9.6484

Details

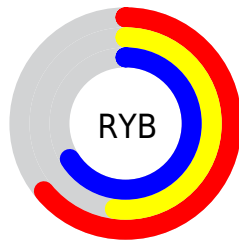
The YUV color **145.6610, 11.0131, 14.3293** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **155.3390, -11.0131, -14.3293**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4870, 11.5919, 15.3589**, and **94.8350, 10.4343, 13.2997** is the 20% darker color. If you saturate the color by 10%, you get **134.7850, 16.3750, 21.2366**, and if you desaturate by 10%, it is **156.5370, 5.6513, 7.4221**.

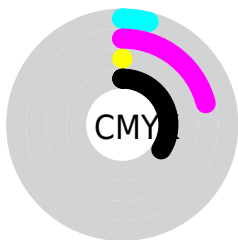
Distribution



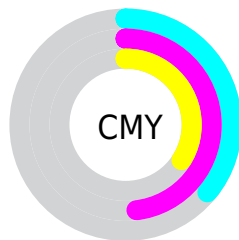
- Red (64%)
- Green (52%)
- Blue (66%)



- Red (64%)
- Yellow (52%)
- Blue (66%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)





- Cyan (36%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6610, 11.0131, 14.3293 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 145.6610, 11.0131, 14.3293 by changing the saturation by 10% instead.


 145.6610, 11.0131,
14.3293


 145.6610, 11.0131,
14.3293


255.0000, 0.0000,
0.0000

 120.2480, 10.7237,
13.8145

 199.4870, 11.5919,
15.3589

 94.8350, 10.4343,
13.2997


 227.9000, 11.8813,
15.8737

 71.0090, 9.8556,
12.2701

 247.3690, 3.7621,
6.6924

 48.5960, 9.5662,
11.7553

 26.7700, 8.9874,
10.7257

 8.5310, 8.1192,
9.1813

 0.0000, 0.0000,

0.0000

■ 145.6610, 11.0131,
14.3293

■ 145.6610, 11.0131,
14.3293

■ 134.7850, 16.3750,
21.2366

■ 156.5370, 5.6513,
7.4221

■ 123.9090, 21.7369,
28.1438

■ 167.4130, 0.2894,
0.5148

■ 113.6200, 26.8093,
34.5363

■ 177.7020, -4.7831,
-5.8777

■ 102.7440, 32.1712,
41.4435

■ 188.5780,
-10.1450, -12.7849

■ 92.1670, 37.3857,
48.9655

■ 199.1550,
-15.3594, -20.3069

■ 81.2910, 42.7475,
55.8728

■ 210.0310,
-20.7213, -27.2142

70.4150, 48.1094,
62.7800

220.9070,
-26.0832, -34.1214

60.7130, 52.8925,
68.6577

224.1520,
-27.6829, -34.3363

225.0490,
-28.1252, -32.4920

Harmonies

Analogous

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



143.6630, 17.9141, -5.8435



145.6610, 11.0131, 14.3293



146.0450, 1.9498, 28.0245

Triad

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



145.6610, 11.0131, 14.3293



142.1860, -18.8257, 18.2539



133.2980, 11.1921, -43.2343

Complementary

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



145.6610, 11.0131, 14.3293



155.3390, -11.0131, -14.3293

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.



134.5030, 0.2450, -32.0131



145.6610, 11.0131, 14.3293



140.4290, -17.4665, 2.2548

Square

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



145.6610, 11.0131, 14.3293



143.8760, -15.2219, 29.0497



137.8550, -10.2815, -15.6588



134.6710, 18.8962, -40.9305

Rectangle

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



145.6610, 11.0131, 14.3293



145.3570, -4.6130, 33.0129



137.8550, -10.2815, -15.6588



133.6960, 7.5449, -40.0754

Sweetspot

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



145.6610, 11.0131, 14.3293



210.7710, 4.0569, 5.4628



140.5120, 13.5516, -6.5880



104.7060, 2.6099, 2.8888



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



145.6610, 11.0131, 14.3293



184.0240, 17.2432, 22.7810



146.2010, 5.3239, 19.1177



79.0050, 2.4625, 3.5036



53.6490, 46.5150, 60.8208



7.3630, 6.2300, 8.4516

Inverse Universe

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



144.1490, -2.5385, 20.9173



181.5850, -3.7394, 32.8130



154.7990, -5.3239, -19.1177



78.5060, -0.7425, 4.8182



47.1020, -10.8963, 88.4875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 145.6610, 11.0131, 14.3293 looks on a white background.

Color Contrast Check

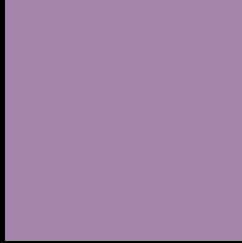
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6610, 11.0131, 14.3293 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 145.6610, 11.0131, 14.3293

Background



This preview shows how black text looks on a background with the YUV color 145.6610, 11.0131, 14.3293.



This preview shows how white text looks on a background with the YUV color 145.6610, 11.0131, 14.3293.

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

145.6610, 11.0131, 14.3293

Protanopia

143.2670, 15.1514, -6.3732

Deuteranopia

143.9860, 11.3459, 0.8893



Tritanopia

144.7180, 1.1250, 12.5253

Trichromacy



Original Color

145.6610, 11.0131, 14.3293

Protanomaly

143.9690, 13.8193, 0.9042

Deuteranomaly

144.6060, 11.0402, 5.6075

Tritanomaly

145.3420, 4.7614, 12.8551

Monochromacy



Original Color

145.6610, 11.0131, 14.3293

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7710, 4.0569, 5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6610, 11.0131, 14.3293 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(162, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 168)  
}
```

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(162, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 168) }
```

Border

The CSS property to change the border of an element to YUV 145.6610, 11.0131, 14.3293 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(162, 133, 168) }
```


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

```
.border{ border-color:rgb(162, 133, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 145.6610, 11.0131, 14.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 168) }
```

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

```
.background{ background-color: rgb(162,  
133, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor