

Converting Colors

YUV(145.5620, 14.5129,
11.7851)

Have a look what the booklet for
YUV(145.5620, 14.5129, 11.7851)
contains.

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Color

**YUV(145.5620, 14.5129,
11.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	9F85AF
RGB	159, 133, 175
RGB Percent	62%, 52%, 69%
CMY	0.3765, 0.4784, 0.3137
CMYK	0.09, 0.24, 0.00, 0.31
HSL	277°, 21%, 60%
HSV	277°, 24%, 69%
XYZ	30.4235, 27.2411, 44.2120
YIQ	145.5620, 2.0140, 18.5740

Conversions

Conversions Part 2

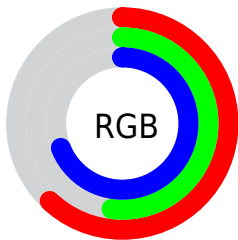
Format	Color
RYB	159, 133, 175
Decimal	10454447
CIELab	59.20, 17.90, -18.45
CIELCh	59, 25.709, 314.136
Yxy	27.2411, 0.2986, 0.2674
Android (android.graphics.Color)	4288644527 (0xFF9F85AF)
YUV	145.5620, 14.5129, 11.7851
Hunter-Lab	52.1930, 12.7103, -13.6886

Details

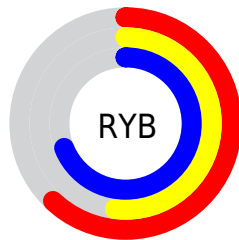
The YUV color $145.5620, 14.5129, 11.7851$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $162.4380, -14.5129, -11.7851$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.5020, 15.5285, 12.7147$, and $94.6220, 13.4974, 10.8555$ is the 20% darker color. If you saturate the color by 10%, you get $132.9030, 20.7538, 16.7481$, and if you desaturate by 10%, it is $158.2210, 8.2720, 6.8222$.

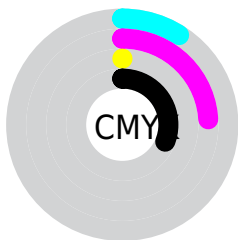
Distribution



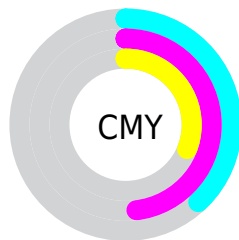
- Red (62%)
- Green (52%)
- Blue (69%)



- Red (62%)
- Yellow (52%)
- Blue (69%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5620, 14.5129, 11.7851 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 145.5620, 14.5129, 11.7851 by changing the saturation by 10% instead.

■ 145.5620, 14.5129,
11.7851

■ 145.5620, 14.5129,
11.7851

■ 255.0000, 0.0000,
0.0000

■ 120.0350, 13.7867,
11.3703

■ 199.5020, 15.5285,
12.7147

■ 94.6220, 13.4974,
10.8555

■ 227.3450, 13.6339,
13.7294

■ 71.0950, 12.7712,
10.4407

■ 247.3690, 3.7621,
6.6924

■ 48.3830, 12.6292,
9.3111

■ 26.5570, 12.0504,
8.2815

■ 8.2040, 10.7454,
6.8371

■ 0.0000, 0.0000,

0.0000

■ 145.5620, 14.5129,
11.7851

■ 145.5620, 14.5129,
11.7851

■ 132.9030, 20.7538,
16.7481

■ 158.2210, 8.2720,
6.8222

■ 121.1300, 26.5579,
21.8110

■ 169.9940, 2.4680,
1.7593

■ 109.0580, 32.5094,
26.2591

■ 182.6530, -3.7729,
-3.2037

■ 96.3990, 38.7503,
31.2221

■ 194.7250, -9.7244,
-7.6518

■ 84.6260, 44.5544,
36.2850

■ 207.0850,
-15.8179, -13.2295

■ 71.9670, 50.7953,
41.2479

■ 219.1570,
-21.7694, -17.6777

■ 59.8950, 56.7468,
45.6961

■ 231.2290,
-27.7209, -22.1258

■ 52.2420, 60.5197,
48.8998

■ 233.0230,
-28.6053, -18.4372

■ 235.1160,
-29.6372, -14.1337

Harmonies

Analogous

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



142.5420, 21.4248, -11.8763



145.5620, 14.5129, 11.7851



146.0390, 4.4178, 29.7838

Triad

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



145.5620, 14.5129, 11.7851



142.2360, -21.3153, 23.4720



130.8520, 10.9190, -48.9822

Complementary

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



145.5620, 14.5129, 11.7851



162.4380, -14.5129, -11.7851

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.



133.8080, -2.3703, -33.1576



145.5620, 14.5129, 11.7851



139.9520, -20.6823, 7.0581

Square

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



145.5620, 14.5129, 11.7851



144.0940, -15.8223, 34.9976



136.9540, -13.7813, -13.1147



131.3600, 20.5285, -51.1817

Rectangle

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



145.5620, 14.5129, 11.7851



145.5360, -2.7292, 35.4869



136.9540, -13.7813, -13.1147



131.7340, 6.5401, -44.4937

Sweetspot

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



145.5620, 14.5129, 11.7851



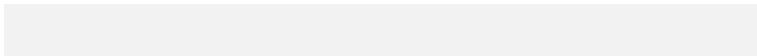
215.8140, 5.5147, 4.5481



147.1800, 13.7153, -12.4359



108.5210, 3.1941, 2.1741



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.



145.5620, 14.5129, 11.7851



180.7830, 22.7850, 18.6073



149.7760, 9.9704, 22.1214



80.5210, 3.1941, 2.1741



44.9070, 51.8108, 42.1776



6.8080, 7.9827, 6.3074

Inverse Universe

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



147.3820, 0.7977, 24.2210



183.5840, 1.1911, 38.0758



158.2240, -9.9704, -22.1214



81.0330, -0.0163, 5.2331



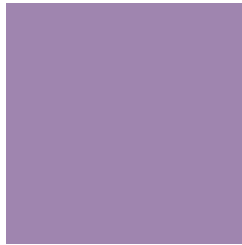
51.3480, 2.7864, 86.5178



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 145.5620, 14.5129, 11.7851 looks on a white background.

Color Contrast Check

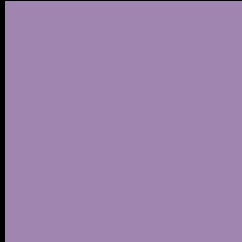
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5620, 14.5129, 11.7851 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 145.5620, 14.5129, 11.7851 Background



This preview shows how black text looks on a background with the YUV color 145.5620, 14.5129, 11.7851.



This preview shows how white text looks on a background with the YUV color 145.5620, 14.5129,

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

145.5620, 14.5129, 11.7851

Protanopia

143.1680, 18.6512, -8.9173

Deuteranopia

144.1750, 14.7037, -2.7845



Tritanopia

144.3370, 2.2989, 9.3515

Trichromacy



Original Color

145.5620, 14.5129, 11.7851

Protanomaly

143.8700, 17.3191, -1.6400

Deuteranomaly

144.5070, 14.5400, 3.0634

Tritanomaly

144.4880, 6.6614, 10.0960

Monochromacy



Original Color

145.5620, 14.5129, 11.7851

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5620, 14.5129, 11.7851 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(159, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 133, 175)  
}
```

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(159, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 133, 175) }
```

Border

The CSS property to change the border of an element to YUV 145.5620, 14.5129, 11.7851 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(159, 133, 175) }
```


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

```
.border{ border-color:rgb(159, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(159, 133,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 145.5620, 14.5129, 11.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 133, 175) }
```

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

```
.background{ background-color: rgb(159,  
133, 175) }
```

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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