

Converting Colors

YUV(146.2800, 12.1870,
11.1554)

Have a look what the booklet for
YUV(146.2800, 12.1870, 11.1554)
contains.

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Color

**YUV(146.2800, 12.1870,
11.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	9F87AB
RGB	159, 135, 171
RGB Percent	62%, 53%, 67%
CMY	0.3765, 0.4706, 0.3294
CMYK	0.07, 0.21, 0.00, 0.33
HSL	280°, 18%, 60%
HSV	280°, 21%, 67%
XYZ	30.3127, 27.6391, 42.2653
YIQ	146.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

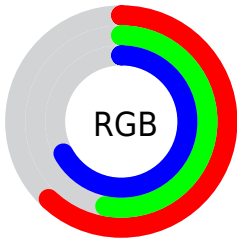
Format	Color
RYB	159, 135, 171
Decimal	10454955
CIELab	59.56, 15.92, -15.62
CIElCh	60, 22.298, 315.545
Yxy	27.6391, 0.3025, 0.2758
Android (android.graphics.Color)	4288645035 (0xFF9F87AB)
YUV	146.2800, 12.1870, 11.1554
Hunter-Lab	52.5729, 10.9176, -10.8643

Details

The YUV color **146.2800, 12.1870, 11.1554** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159.7200, -12.1870, -11.1554**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1060, 12.7657, 12.1850**, and **95.4540, 11.6082, 10.1258** is the 20% darker color. If you saturate the color by 10%, you get **134.5070, 17.9910, 16.2184**, and if you desaturate by 10%, it is **158.0530, 6.3829, 6.0925**.

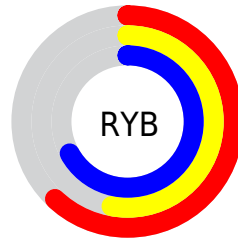
Distribution



Red (62%)

Green (53%)

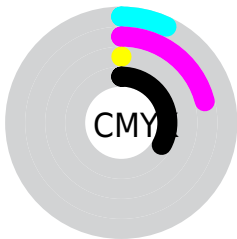
Blue (67%)



Red (62%)

Yellow (53%)

Blue (67%)

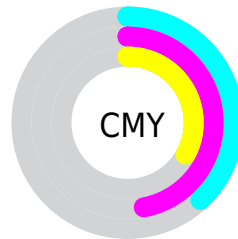


Cyan (7%)

Magenta (21%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2800, 12.1870, 11.1554 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 146.2800, 12.1870, 11.1554 by changing the saturation by 10% instead.

■ 146.2800, 12.1870,
11.1554

■ 146.2800, 12.1870,
11.1554

255.0000, 0.0000,
0.0000

■ 120.7530, 11.4608,
10.7406

■ 200.1060, 12.7657,
12.1850

■ 95.4540, 11.6082,
10.1258

■ 228.2200, 13.2025,
12.0851

■ 71.9270, 10.8820,
9.7110

■ 249.1300, 2.8939,
5.1480

■ 49.1010, 10.3032,
8.6814

■ 27.6880, 10.0138,
8.1666

■ 8.4600, 9.1402,
8.3666

■ 0.0000, 0.0000,

0.0000

■ 146.2800, 12.1870,
11.1554

■ 146.2800, 12.1870,
11.1554

■ 134.5070, 17.9910,
16.2184

■ 158.0530, 6.3829,
6.0925

■ 123.0330, 23.6477,
21.8961

■ 169.5270, 0.7262,
0.4148

■ 111.2600, 29.4518,
26.9590

■ 181.3000, -5.0779,
-4.6481

■ 99.4870, 35.2559,
32.0219

■ 193.0730,
-10.8820, -9.7110

■ 87.4260, 41.2020,
38.2144

■ 204.5470,
-16.5387, -15.3887

■ 75.6530, 47.0061,
43.2773

■ 216.9070,
-22.6322, -20.9664

63.8800, 52.8102,
48.3402

228.6800,
-28.4362, -26.0294

53.5800, 57.8881,
52.9883

230.4740,
-29.3207, -22.3407

231.9690,
-30.0577, -19.2668

Harmonies

Analogous

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



144.0540, 18.2144, -8.8174



146.2800, 12.1870, 11.1554



146.7890, 3.5550, 26.4950

Triad

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



146.2800, 12.1870, 11.1554



143.3110, -18.3943, 19.8983



134.1520, 9.2921, -40.4753

Complementary

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



146.2800, 12.1870, 11.1554



159.7200, -12.1870, -11.1554

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.



136.3570, -1.6550, -29.2541



146.2800, 12.1870, 11.1554



141.1520, -17.3299, 5.1287

Square

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



146.2800, 12.1870, 11.1554



144.8160, -14.2063, 29.9794



139.2360, -11.4553, -12.4850



135.6170, 17.4438, -41.7601

Rectangle

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



146.2800, 12.1870, 11.1554



146.1010, -3.0078, 31.4834



139.2360, -11.4553, -12.4850



135.1370, 5.3555, -37.8311

Sweetspot

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



146.2800, 12.1870, 11.1554



212.8740, 4.4991, 3.6185



146.1480, 12.2520, -9.7768



106.7060, 2.6099, 2.8888



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.2800, 12.1870, 11.1554



183.4470, 19.0066, 17.1480



149.1840, 7.7973, 19.1326



80.8200, 3.0467, 2.7889



47.0000, 50.7790, 46.4810



7.1070, 7.8352, 6.9222

Inverse Universe

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



147.1320, -0.0651, 20.9322



184.9100, 0.0444, 32.5279



156.8160, -7.7973, -19.1326



81.0330, -0.0163, 5.2331



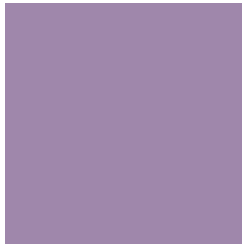
50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 146.2800, 12.1870, 11.1554 looks on a white background.

Color Contrast Check

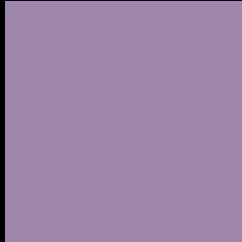
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2800, 12.1870, 11.1554 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 146.2800, 12.1870, 11.1554 Background



This preview shows how black text looks on a background with the YUV color 146.2800, 12.1870, 11.1554.



This preview shows how white text looks on a background with the YUV color 146.2800, 12.1870,

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

146.2800, 12.1870, 11.1554

Protanopia

144.0820, 15.7356, -7.0879

Deuteranopia

144.9150, 12.3669, 0.0745



Tritanopia

145.3370, 2.2989, 9.3515

Trichromacy



Original Color

146.2800, 12.1870, 11.1554

Protanomaly

144.4850, 14.5509, -0.4253

Deuteranomaly

145.2360, 12.2087, 4.1780

Tritanomaly

145.9610, 5.9352, 9.6812

Monochromacy



Original Color

146.2800, 12.1870, 11.1554

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2800, 12.1870, 11.1554 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, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 135, 171)  
}
```

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, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 135, 171) }
```

Border

The CSS property to change the border of an element to YUV 146.2800, 12.1870, 11.1554 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, 135, 171) }
```


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

```
.border{ border-color:rgb(159, 135, 171) }
```

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

Here you see how a box with a 4 pixel rgb(159, 135, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 135,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 146.2800, 12.1870, 11.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 135, 171) }
```

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

```
.background{ background-color: rgb(159,  
135, 171) }
```

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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