

Converting Colors

YUV(142.8340, 11.9138, 5.4076)

Have a look what the booklet for
YUV(142.8340, 11.9138, 5.4076)
contains.

YUV(142.8340, 11.9138, 5.4076)	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(142.8340, 11.9138,
5.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	9587A7
RGB	149, 135, 167
RGB Percent	58%, 53%, 65%
CMY	0.4157, 0.4706, 0.3451
CMYK	0.11, 0.19, 0.00, 0.35
HSL	266°, 15%, 59%
HSV	266°, 19%, 65%
XYZ	28.0335, 26.5075, 40.1982
YIQ	142.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

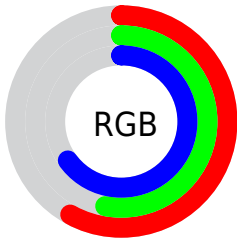
Format	Color
RYB	149, 135, 167
Decimal	9799591
CIELab	58.52, 11.64, -15.00
CIELCh	59, 18.985, 307.803
Yxy	26.5075, 0.2959, 0.2798
Android (android.graphics.Color)	4287989671 (0xFF9587A7)
YUV	142.8340, 11.9138, 5.4076
Hunter-Lab	51.4855, 7.0924, -10.2519

Details

The YUV color $142.8340, 11.9138, 5.4076$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $159.1660, -11.9138, -5.4076$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $196.3610, 12.6400, 5.8224$, and $92.3070, 11.1876, 4.9928$ is the 20% darker color. If you saturate the color by 10%, you get $130.1640, 18.1601, 8.6262$, and if you desaturate by 10%, it is $155.5040, 5.6675, 2.1890$.

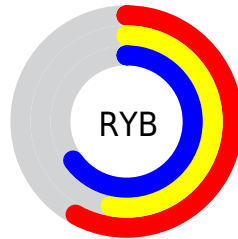
Distribution



Red (58%)

Green (53%)

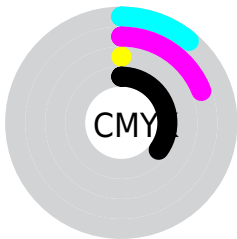
Blue (65%)



Red (58%)

Yellow (53%)

Blue (65%)

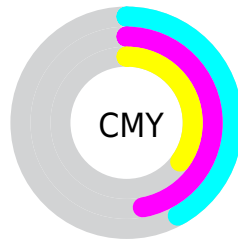


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8340, 11.9138, 5.4076 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 142.8340, 11.9138, 5.4076 by changing the saturation by 10% instead.

■ 142.8340, 11.9138,
5.4076

■ 142.8340, 11.9138,
5.4076

■ 255.0000, 0.0000,
0.0000

■ 117.4210, 11.6244,
4.8928

■ 196.3610, 12.6400,
5.8224

■ 92.3070, 11.1876,
4.9928

■ 224.4750, 13.0768,
5.7224

■ 68.7800, 10.4615,
4.5779

■ 248.5430, 3.1833,
5.6628

■ 46.3670, 10.1721,
4.0631

■ 25.5410, 9.5933,
3.0335

■ 2.7360, 10.4832,
-2.3995

■ 0.0000, 0.0000,

0.0000

■ 142.8340, 11.9138,
5.4076

■ 142.8340, 11.9138,
5.4076

■ 130.1640, 18.1601,
8.6262

■ 155.5040, 5.6675,
2.1890

■ 117.7820, 24.2645,
10.7152

■ 167.8860, -0.4368,
0.1000

■ 105.1120, 30.5108,
13.9338

■ 180.5560, -6.6831,
-3.1186

■ 92.1430, 36.9045,
16.5376

■ 193.5250,
-13.0768, -5.7224

■ 80.0600, 42.8614,
19.2414

■ 205.6080,
-19.0337, -8.4262

■ 67.3900, 49.1077,
22.4600

■ 218.2780,
-25.2801, -11.6448

■ 54.4210, 55.5014,
25.0638

■ 231.2470,
-31.6738, -14.2486

■ 41.7510, 61.7478,
28.2824

■ 235.6990,
-33.8686, -10.2600

■ 40.8650, 62.1846,
28.1824

■ 238.6890,
-35.3427, -4.1123

Harmonies

Analogous

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



140.4620, 16.0412, -11.8062



142.8340, 11.9138, 5.4076



143.5000, 5.1765, 19.7325

Triad

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



142.8340, 11.9138, 5.4076



140.8210, -15.1948, 20.3280



133.8820, 5.4812, -31.4685

Complementary

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



142.8340, 11.9138, 5.4076



159.1660, -11.9138, -5.4076

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.



135.5430, -3.7187, -20.6472



142.8340, 11.9138, 5.4076



139.6300, -15.5936, 8.2175

Square

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



142.8340, 11.9138, 5.4076



142.4180, -10.5591, 26.8204



137.5680, -11.6190, -6.6371



134.1080, 12.7648, -34.2977

Rectangle

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



142.8340, 11.9138, 5.4076



143.7520, -0.3707, 25.6505



137.5680, -11.6190, -6.6371



134.0950, 2.4182, -29.0243

Sweetspot

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



142.8340, 11.9138, 5.4076



206.9770, 4.9413, 1.7742



149.2140, 8.7685, -12.4657



103.8090, 3.0522, 1.0445



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.



142.8340, 11.9138, 5.4076



179.2780, 18.5969, 8.5262



147.6180, 9.5553, 15.2440



77.8090, 3.0522, 1.0445



36.3070, 55.0646, 25.1638



4.9710, 7.4093, 3.5334

Inverse Universe

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



146.6200, 3.1453, 17.8733



185.1420, 4.8600, 27.9395



154.3820, -9.5553, -15.2440



78.8480, 0.5679, 4.5183



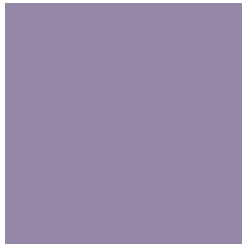
53.7140, 14.4380, 82.6888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 142.8340, 11.9138, 5.4076 looks on a white background.

Color Contrast Check

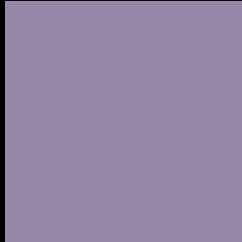
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.8340, 11.9138, 5.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

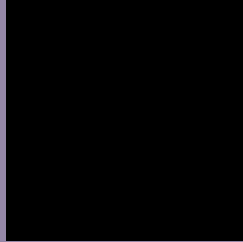
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.8340, 11.9138, 5.4076

Background



This preview shows how black text looks on a background with the YUV color 142.8340, 11.9138, 5.4076.



This preview shows how white text looks on a background with the YUV color 142.8340, 11.9138,

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

142.8340, 11.9138, 5.4076

Protanopia

141.0390, 14.2778, -6.1732

Deuteranopia

141.9150, 12.3669, 0.0745



Tritanopia

141.6460, 3.6255, 3.8185

Trichromacy



Original Color

142.8340, 11.9138, 5.4076

Protanomaly

141.8330, 13.3933, -2.4845

Deuteranomaly

142.2250, 12.2141, 2.4337

Tritanomaly

142.1560, 6.8251, 4.2482

Monochromacy



Original Color

142.8340, 11.9138, 5.4076

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8340, 11.9138, 5.4076 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(149, 135, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 167)  
}
```

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(149, 135, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 167) }
```

Border

The CSS property to change the border of an element to YUV 142.8340, 11.9138, 5.4076 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(149, 135, 167) }
```


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

```
.border{ border-color:rgb(149, 135, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 135, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 135, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 135, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 135,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 142.8340, 11.9138, 5.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 167) }
```

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

```
.background{ background-color: rgb(149,  
135, 167) }
```

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