

Converting Colors

YUV(140.8650, 14.8566,
-5.1436)

Have a look what the booklet for
YUV(140.8650, 14.8566, -5.1436)
contains.

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Color

**YUV(140.8650, 14.8566,
-5.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	878AAB
RGB	135, 138, 171
RGB Percent	53%, 54%, 67%
CMY	0.4706, 0.4588, 0.3294
CMYK	0.21, 0.19, 0.00, 0.33
HSL	235°, 18%, 60%
HSV	235°, 21%, 67%
XYZ	26.4308, 26.2681, 42.2053
YIQ	140.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

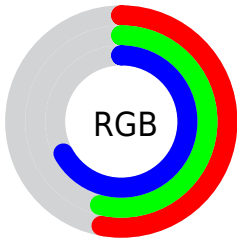
Format	Color
R_{YB}	135, 138, 171
Decimal	8882859
CIE _{Lab}	58.29, 6.14, -17.74
CIE _{LCh}	58, 18.770, 289.092
Yxy	26.2681, 0.2785, 0.2768
Android (android.graphics.Color)	4287072939 (0xFF878AAB)
YUV	140.8650, 14.8566, -5.1436
Hunter-Lab	51.2524, 2.3605, -12.9473

Details

The YUV color **140.8650, 14.8566, -5.1436** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **165.1350, -14.8566, 5.1436**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3920, 15.5827, -4.7288**, and **90.6370, 13.9830, -4.9436** is the 20% darker color. If you saturate the color by 10%, you get **126.3900, 21.9927, -7.3580**, and if you desaturate by 10%, it is **155.3400, 7.7204, -2.9292**.

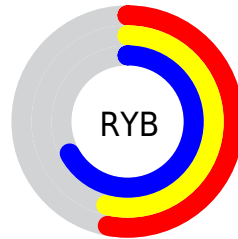
Distribution



Red (53%)

Green (54%)

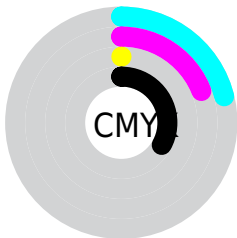
Blue (67%)



Red (53%)

Yellow (54%)

Blue (67%)

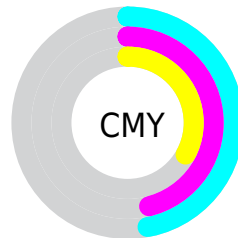


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8650, 14.8566, -5.1436 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 140.8650, 14.8566, -5.1436 by changing the saturation by 10% instead.

■ 140.8650, 14.8566,
-5.1436

■ 140.8650, 14.8566,
-5.1436

■ 255.0000, 0.0000,
0.0000

■ 115.3380, 14.1304,
-5.5584

■ 194.3920, 15.5827,
-4.7288

■ 90.6370, 13.9830,
-4.9436

■ 222.5060, 16.0195,
-4.8288

■ 67.1100, 13.2568,
-5.3585

■ 247.9010, 3.4998,
-2.5442

■ 44.5830, 12.5306,
-5.7733

■ 23.7570, 11.9518,
-6.8029

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 140.8650, 14.8566,
-5.1436

■ 140.8650, 14.8566,
-5.1436

■ 126.3900, 21.9927,
-7.3580

■ 155.3400, 7.7204,
-2.9292

■ 112.5020, 28.8395,
-10.0873

■ 169.2280, 0.8736,
-0.2000

■ 98.0270, 35.9757,
-12.3017

■ 183.7030, -6.2626,
2.0145

■ 83.5520, 43.1119,
-14.5161

■ 198.1780,
-13.3988, 4.2289

■ 69.3650, 50.1061,
-17.8601

■ 212.0660,
-20.2455, 6.9581

■ 54.8900, 57.2422,
-20.0745

■ 226.8400,
-27.5291, 9.7873

■ 40.4150, 64.3784,
-22.2890

■ 241.3150,
-34.6653, 12.0017

■ 27.7120, 70.6410,
-24.3034

■ 245.4240,
-36.6910, 8.3982

Harmonies

Analogous

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



137.3360, 17.0894, -21.3427



140.8650, 14.8566, -5.1436



142.8840, 9.4242, 10.6257

Triad

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



140.8650, 14.8566, -5.1436



141.5380, -12.5902, 24.9612



134.0200, -0.5029, -25.4505

Complementary

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



140.8650, 14.8566, -5.1436



165.1350, -14.8566, 5.1436

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.



136.5180, -9.1294, -11.8553



140.8650, 14.8566, -5.1436



139.9730, -15.7627, 15.8097

Square

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



140.8650, 14.8566, -5.1436



142.5690, -6.1965, 27.5650



138.2380, -14.4143, 3.2993



132.9680, 8.3968, -33.2979

Rectangle

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



140.8650, 14.8566, -5.1436



143.2720, 4.3029, 19.9325



138.2380, -14.4143, 3.2993



135.2440, -3.5713, -21.2620

Sweetspot

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



140.8650, 14.8566, -5.1436



211.0690, 5.3890, -1.8145



159.8940, 3.9963, -21.8320



105.4990, 3.2050, -1.3146



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.



140.8650, 14.8566, -5.1436



175.3190, 23.0137, -8.1728



143.5890, 13.5136, 5.6224



79.6130, 3.6418, -1.4146



24.7310, 61.7576, -21.6891



3.7960, 9.4676, -3.3291

Inverse Universe

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



146.1060, -3.9963, 21.8320



183.3140, -6.0708, 33.9276



162.4110, -13.5136, -5.6224



80.8050, -0.8899, 5.4330



46.3320, -16.4327, 90.9168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 140.8650, 14.8566, -5.1436 looks on a white background.

Color Contrast Check

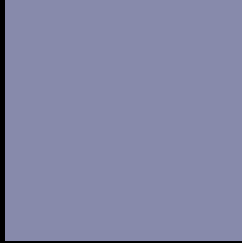
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8650, 14.8566, -5.1436 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 140.8650, 14.8566, -5.1436

Background



This preview shows how black text looks on a background with the YUV color 140.8650, 14.8566, -5.1436.



This preview shows how white text looks on a background with the YUV color 140.8650, 14.8566, -5.1436.

-5.1436.

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

140.8650, 14.8566, -5.1436

Protanopia

140.8540, 14.8620, -6.8880

Deuteranopia

141.1750, 14.7037, -2.7845



Tritanopia

139.5630, 6.1314, -6.6328

Trichromacy



Original Color

140.8650, 14.8566, -5.1436

Protanomaly

141.1530, 14.7146, -6.2732

Deuteranomaly

140.8760, 14.8511, -3.3993

Tritanomaly

140.0730, 9.3310, -6.2030

Monochromacy



Original Color

140.8650, 14.8566, -5.1436

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8650, 14.8566, -5.1436 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(135, 138, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 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(135, 138, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 171) }
```

Border

The CSS property to change the border of an element to YUV 140.8650, 14.8566, -5.1436 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(135, 138, 171) }
```


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

```
.border{ border-color:rgb(135, 138, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 171);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 140.8650, 14.8566, -5.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 171) }
```

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

```
.background{ background-color: rgb(135,  
138, 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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