

Converting Colors

YUV(149.8600, 12.3940,
-8.6472)

Have a look what the booklet for
YUV(149.8600, 12.3940, -8.6472)
contains.

YUV(149.8600, 12.3940, -8.6472)	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(149.8600, 12.3940,
-8.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	8C96AF
RGB	140, 150, 175
RGB Percent	55%, 59%, 69%
CMY	0.4510, 0.4118, 0.3137
CMYK	0.20, 0.14, 0.00, 0.31
HSL	223°, 18%, 62%
HSV	223°, 20%, 69%
XYZ	29.4594, 30.4833, 44.8886
YIQ	149.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

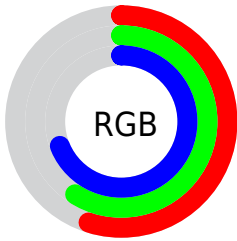
Format	Color
R_{YB}	140, 148, 175
Decimal	9213615
CIE _{Lab}	62.07, 1.87, -14.25
CIE _{LCh}	62, 14.373, 277.480
Yxy	30.4833, 0.2810, 0.2908
Android (android.graphics.Color)	4287403695 (0xFF8C96AF)
YUV	149.8600, 12.3940, -8.6472
Hunter-Lab	55.2117, -1.3777, -9.5562

Details

The YUV color **149.8600, 12.3940, -8.6472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.1400, -12.3940, 8.6472**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0880, 13.2676, -8.8472**, and **98.7460, 11.9572, -8.5472** is the 20% darker color. If you saturate the color by 10%, you get **137.7330, 18.3726, -12.9208**, and if you desaturate by 10%, it is **162.8730, 5.9786, -4.2736**.

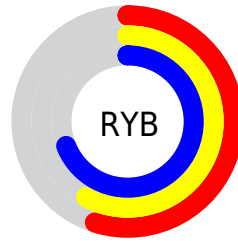
Distribution



Red (55%)

Green (59%)

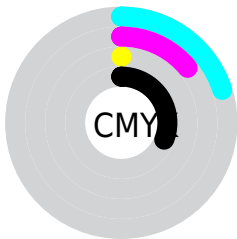
Blue (69%)



Red (55%)

Yellow (58%)

Blue (69%)

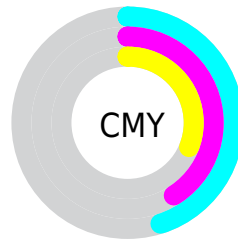


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8600, 12.3940, -8.6472 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 149.8600, 12.3940, -8.6472 by changing the saturation by 10% instead.

■ 149.8600, 12.3940,
-8.6472

■ 149.8600, 12.3940,
-8.6472

255.0000, 0.0000,
0.0000

■ 123.7460, 11.9572,
-8.5472

■ 204.0880, 13.2676,
-8.8472

■ 98.7460, 11.9572,
-8.5472

■ 231.6320, 11.5204,
-8.4473

■ 75.2190, 11.2310,
-8.9621

■ 253.8040, 0.5896,
-2.4591

■ 52.4040, 10.6468,
-8.2473

■ 30.5780, 10.0680,
-9.2769

■ 7.5290, 11.0782,
-6.6029

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 149.8600, 12.3940,
-8.6472

■ 149.8600, 12.3940,
-8.6472

■ 137.7330, 18.3726,
-12.9208

■ 162.8730, 5.9786,
-4.2736

■ 124.7200, 24.7880,
-17.2944

■ 175.0000, 0.0000,
0.0000

■ 112.5930, 30.7667,
-21.5681

■ 187.4260, -6.1260,
4.8884

■ 99.5800, 37.1821,
-25.9417

■ 200.1400,
-12.3940, 8.6472

■ 86.8660, 43.4501,
-29.7005

■ 213.1530,
-18.8094, 13.0208

■ 74.4400, 49.5761,
-34.5889

■ 225.2800,
-24.7880, 17.2944

■ 61.4270, 55.9915,
-38.9625

■ 235.9010,
-30.0242, 16.7498

■ 49.3000, 61.9701,
-43.2361

■ 242.9450,
-33.4969, 10.5722

■ 245.8800,
-34.9438, 7.9982

Harmonies

Analogous

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



147.4950, 12.5740, -19.7281



149.8600, 12.3940, -8.6472



151.7260, 9.0091, 3.7483

Triad

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



149.8600, 12.3940, -8.6472



151.9550, -8.3588, 21.0875



146.3910, -3.1508, -16.1289

Complementary

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



149.8600, 12.3940, -8.6472



165.1400, -12.3940, 8.6472

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.



147.6760, -8.7143, -4.9779



149.8600, 12.3940, -8.6472



150.7110, -11.6895, 16.0395

Square

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



149.8600, 12.3940, -8.6472



152.1490, -2.5385, 20.9173



149.2430, -11.9518, 6.8029



145.7690, 3.5649, -23.4764

Rectangle

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



149.8600, 12.3940, -8.6472



152.2710, 5.7824, 12.0403



149.2430, -11.9518, 6.8029



146.8430, -5.3456, -12.1403

Sweetspot

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



149.8600, 12.3940, -8.6472



216.9440, 4.9576, -3.4589



163.3950, 0.7913, -20.5174



109.0860, 2.9156, -1.8294



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.



149.8600, 12.3940, -8.6472



187.6620, 19.3936, -13.7356



146.0830, 14.2561, 0.8042



80.7870, 3.0630, -2.4442



42.3410, 53.0759, -37.1331



6.7310, 8.0206, -5.9031

Inverse Universe

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



151.6050, -0.7913, 20.5174



190.2690, -1.1186, 32.2131



168.9170, -14.2561, -0.8042



81.0330, -0.0163, 5.2331



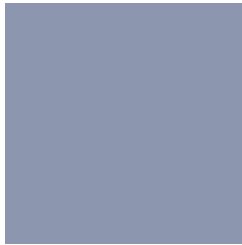
49.7520, -3.3287, 87.9175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 149.8600, 12.3940, -8.6472 looks on a white background.

Color Contrast Check

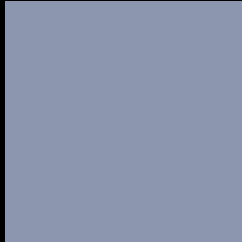
Large Text (above 18pt) WCAG AA × Fail

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 149.8600, 12.3940, -8.6472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

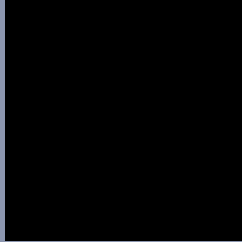
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.8600, 12.3940, -8.6472

Background



This preview shows how black text looks on a background with the YUV color 149.8600, 12.3940, -8.6472.



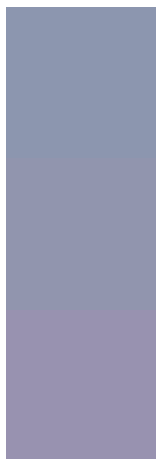
This preview shows how white text looks on a background with the YUV color 149.8600, 12.3940, -8.6472.

-8.6472.

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

149.8600, 12.3940, -8.6472

Protanopia

150.6540, 11.5096, -4.9586

Deuteranopia

151.2140, 12.2195, 0.6893



Tritanopia

149.1820, 7.3053, -9.8066

Trichromacy



Original Color

149.8600, 12.3940, -8.6472

Protanomaly

150.0560, 11.8044, -6.1881

Deuteranomaly

150.6050, 12.5197, -2.2846

Tritanomaly

149.3500, 9.1944, -9.0770

Monochromacy



Original Color

149.8600, 12.3940, -8.6472

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8600, 12.3940, -8.6472 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(140, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 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(140, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 175) }
```

Border

The CSS property to change the border of an element to YUV 149.8600, 12.3940, -8.6472 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(140, 150, 175) }
```


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

```
.border{ border-color:rgb(140, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 149.8600, 12.3940, -8.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 175) }
```

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

```
.background{ background-color: rgb(140,  
150, 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](#).

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