

Converting Colors

YUV(149.8100, 14.8837,
-13.8654)

Have a look what the booklet for
YUV(149.8100, 14.8837, -13.8654)
contains.

YUV(149.8100, 14.8837, -13.8654)	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(149.8100, 14.8837,
-13.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	8698B4
RGB	134, 152, 180
RGB Percent	53%, 60%, 71%
CMY	0.4745, 0.4039, 0.2941
CMYK	0.26, 0.16, 0.00, 0.29
HSL	217°, 23%, 62%
HSV	217°, 26%, 71%
XYZ	29.2980, 30.8201, 47.5847
YIQ	149.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

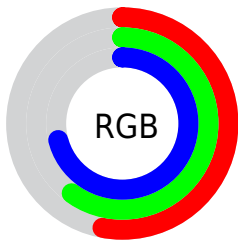
Format	Color
RYB	134, 147, 180
Decimal	8820916
CIELab	62.36, 0.02, -16.68
CIElCh	62, 16.679, 270.058
Yxy	30.8201, 0.2720, 0.2862
Android (android.graphics.Color)	4287010996 (0xFF8698B4)
YUV	149.8100, 14.8837, -13.8654
Hunter-Lab	55.5158, -2.9510, -11.9586

Details

The YUV color **149.8100, 14.8837, -13.8654** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164.1900, -14.8837, 13.8654**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0380, 15.7573, -14.0653**, and **98.5820, 14.0101, -13.6654** is the 20% darker color. If you saturate the color by 10%, you get **137.9710, 20.7203, -19.2686**, and if you desaturate by 10%, it is **161.6490, 9.0470, -8.4622**.

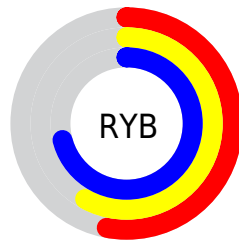
Distribution



Red (53%)

Green (60%)

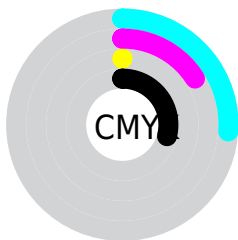
Blue (71%)



Red (53%)

Yellow (58%)

Blue (71%)

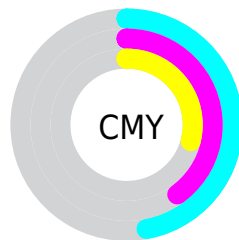


Cyan (26%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8100, 14.8837, -13.8654 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 149.8100, 14.8837, -13.8654 by changing the saturation by 10% instead.

■ 149.8100, 14.8837,
-13.8654

■ 149.8100, 14.8837,
-13.8654

255.0000, 0.0000,
0.0000

■ 123.6960, 14.4469,
-13.7654

■ 204.0380, 15.7573,
-14.0653

■ 98.5820, 14.0101,
-13.6654

■ 231.0120, 11.8261,
-13.1655

■ 74.4680, 13.5733,
-13.5654

■ 252.0100, 1.4741,
-6.1478

■ 51.9410, 12.8471,
-13.9803

■ 28.9300, 12.8525,
-15.7246

■ 9.7460, 11.9572,
-8.5472

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 149.8100, 14.8837,
-13.8654

■ 149.8100, 14.8837,
-13.8654

■ 137.9710, 20.7203,
-19.2686

■ 161.6490, 9.0470,
-8.4622

■ 126.1320, 26.5569,
-24.6718

■ 173.4880, 3.2104,
-3.0590

■ 114.2930, 32.3936,
-30.0750

■ 185.3270, -2.6262,
2.3442

■ 102.4540, 38.2302,
-35.4782

■ 197.1660, -8.4628,
7.7474

■ 90.6150, 44.0668,
-40.8814

■ 209.0050,
-14.2995, 13.1506

■ 78.7760, 49.9034,
-46.2846

■ 220.8440,
-20.1361, 18.5538

■ 66.9370, 55.7401,
-51.6877

■ 231.1880,
-25.2357, 20.8831

■ 61.6100, 58.3663,
-54.0320

■ 237.6450,
-28.4190, 15.2203

■ 244.1020,
-31.6023, 9.5575

Harmonies

Analogous

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



146.9180, 14.3374, -25.3611



149.8100, 14.8837, -13.8654



152.1000, 11.7827, 0.7893

Triad

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



149.8100, 14.8837, -13.8654



152.5040, -7.6435, 24.9910



146.8210, -5.3348, -15.6290

Complementary

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



149.8100, 14.8837, -13.8654



164.1900, -14.8837, 13.8654

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.



148.3020, -11.4879, -2.0189



149.8100, 14.8837, -13.8654



151.8040, -12.7214, 20.3429

Square

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



149.8100, 14.8837, -13.8654



153.2140, -1.0915, 23.4913



150.2820, -14.4360, 10.2767



145.1170, 2.4073, -25.5356

Rectangle

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



149.8100, 14.8837, -13.8654



153.2430, 8.2612, 10.3109



150.2820, -14.4360, 10.2767



147.4580, -8.1138, -10.9257

Sweetspot

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



149.8100, 14.8837, -13.8654



222.2750, 6.2734, -5.5032



164.1940, -1.0816, -26.4801



109.6020, 3.6472, -3.1590



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



149.8100, 14.8837, -13.8654



186.7580, 23.7833, -21.7128



140.7390, 19.3557, -1.5251



83.3740, 2.7736, -2.9590



52.6620, 49.4666, -46.1846



8.8340, 8.4628, -7.7474

Inverse Universe

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



149.8060, 1.0816, 26.4801



187.0190, 1.4696, 42.0793



173.2610, -19.3557, 1.5251



83.1470, 0.4205, 5.1331



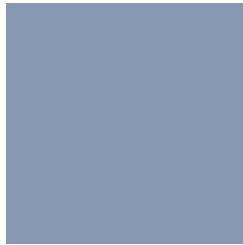
52.5870, 3.6546, 88.0622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 149.8100, 14.8837, -13.8654 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 149.8100, 14.8837, -13.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

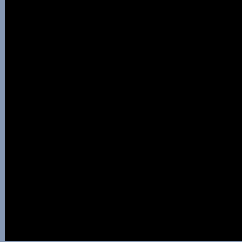
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

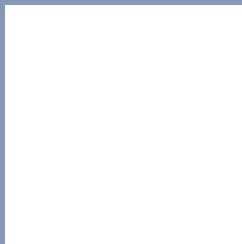
Any Text WCAG AAA ✓ Pass

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

YUV 149.8100, 14.8837, -13.8654 Background



This preview shows how black text looks on a background with the YUV color 149.8100, 14.8837, -13.8654.



This preview shows how white text looks on a background with the YUV color 149.8100, 14.8837, -13.8654.

-13.8654.

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

149.8100, 14.8837, -13.8654

Protanopia

151.1100, 13.2568, -5.3585

Deuteranopia

151.7730, 14.4089, -1.5549



Tritanopia

148.6050, 9.0687, -15.4396

Trichromacy



Original Color

149.8100, 14.8837, -13.8654

Protanomaly

150.6150, 13.9938, -8.4324

Deuteranomaly

151.1530, 14.7146, -6.2732

Tritanomaly

148.8870, 11.3947, -14.8099

Monochromacy



Original Color

149.8100, 14.8837, -13.8654

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0470, 5.3998, -5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8100, 14.8837, -13.8654 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(134, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 180)  
}
```

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(134, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 180) }
```

Border

The CSS property to change the border of an element to YUV 149.8100, 14.8837, -13.8654 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(134, 152, 180) }
```


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

```
.border{ border-color:rgb(134, 152, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 149.8100, 14.8837, -13.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 180) }
```

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

```
.background{ background-color: rgb(134,  
152, 180) }
```

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