

Converting Colors

YUV(149.8350, 3.5323,
-13.0103)

Have a look what the booklet for
YUV(149.8350, 3.5323, -13.0103)
contains.

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Color

**YUV(149.8350, 3.5323,
-13.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	879C9D
RGB	135, 156, 157
RGB Percent	53%, 61%, 62%
CMY	0.4706, 0.3882, 0.3843
CMYK	0.14, 0.01, 0.00, 0.38
HSL	183°, 10%, 57%
HSV	183°, 14%, 62%
XYZ	27.9659, 31.3622, 36.4778
YIQ	149.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

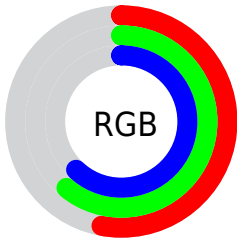
Format	Color
RYB	135, 146, 157
Decimal	8887453
CIELab	62.81, -7.15, -3.02
CIElCh	63, 7.763, 202.915
Yxy	31.3622, 0.2919, 0.3274
Android (android.graphics.Color)	4287077533 (0xFF879C9D)
YUV	149.8350, 3.5323, -13.0103
Hunter-Lab	56.0019, -8.8650, 0.5818

Details

The YUV color $149.8350, 3.5323, -13.0103$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $142.1650, -3.5323, 13.0103$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.6500, 4.1165, -13.7251$, and $99.1340, 3.3849, -12.3955$ is the 20% darker color. If you saturate the color by 10%, you get $144.4640, 6.1802, -22.3319$, and if you desaturate by 10%, it is $155.2060, 0.8844, -3.6887$.

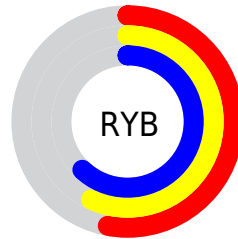
Distribution



Red (53%)

Green (61%)

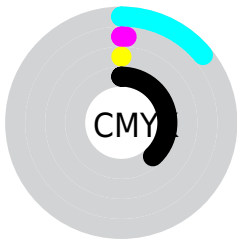
Blue (62%)



Red (53%)

Yellow (57%)

Blue (62%)

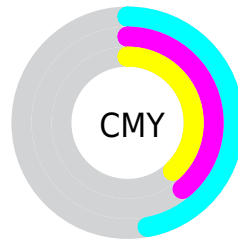


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8350, 3.5323, -13.0103 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 149.8350, 3.5323, -13.0103 by changing the saturation by 10% instead.

■ 149.8350, 3.5323,
-13.0103

■ 149.8350, 3.5323,
-13.0103

■ 255.0000, 0.0000,
0.0000

■ 124.1340, 3.3849,
-12.3955

■ 203.6500, 4.1165,
-13.7251

■ 99.1340, 3.3849,
-12.3955

■ 232.2370, 3.8272,
-14.2398

■ 75.1340, 3.3849,
-12.3955

■ 252.0100, 1.4741,
-6.1478

■ 52.4330, 3.2375,
-11.7807

■ 30.7320, 3.0901,
-11.1660

■ 10.6290, 2.6479,
-9.3216

■ 0.0000, 0.0000,

0.0000

■ 149.8350, 3.5323,
-13.0103

■ 149.8350, 3.5323,
-13.0103

■ 144.4640, 6.1802,
-22.3319

■ 155.2060, 0.8844,
-3.6887

■ 139.9790, 8.3914,
-31.5536

■ 159.6910, -1.3267,
5.5330

■ 134.6080, 11.0393,
-40.8752

■ 165.0620, -3.9746,
14.8546

■ 129.2370, 13.6872,
-50.1968

■ 170.4330, -6.6225,
24.1763

■ 124.1650, 16.1877,
-58.9037

■ 175.8040, -9.2704,
33.4979

■ 119.3810, 18.5462,
-68.7401

■ 180.2890,
-11.4815, 42.7195

■ 114.0100, 21.1941,
-78.0618

■ 185.6600,
-14.1294, 52.0412

■ 108.6390, 23.8420,
-87.3834

■ 189.2370,
-15.8928, 57.6742

■ 105.9480, 25.1686,
-92.9164

Harmonies

Analogous

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



149.9340, 0.0325, -10.4661



149.8350, 3.5323, -13.0103



150.5300, 6.1477, -11.8658

Triad

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



149.8350, 3.5323, -13.0103



153.5430, 3.1833, 5.6628



152.2090, -7.0050, 6.8327

Complementary

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



149.8350, 3.5323, -13.0103



142.1650, -3.5323, 13.0103

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.



152.8720, -5.8529, 10.6363



149.8350, 3.5323, -13.0103



153.1800, 0.4043, 10.3661

Square

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



149.8350, 3.5323, -13.0103



152.5960, 6.1152, -1.3997



153.5670, -3.2375, 11.7807



151.1050, -5.9678, 0.7849

Rectangle

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



149.8350, 3.5323, -13.0103



151.3670, 6.7211, -9.0919



153.5670, -3.2375, 11.7807



152.3340, -6.5737, 8.4771

Sweetspot

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



149.8350, 3.5323, -13.0103



201.6080, 1.1793, -4.9182



148.0280, -5.9298, -11.4256



100.5050, 0.7370, -3.0739



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



149.8350, 3.5323, -13.0103



192.3610, 5.7380, -20.4876



143.3780, 6.7156, -7.3475



76.6080, 1.1793, -4.9182



96.1340, 23.1049, -84.3095



10.5150, 2.2111, -9.2217

Inverse Universe

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



143.9720, 5.9298, 11.4256



183.2270, 9.2551, 18.2179



148.6220, -6.7156, 7.3475



74.3040, 2.3151, 4.1184



58.2610, 38.3253, 74.3161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 149.8350, 3.5323, -13.0103 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 149.8350, 3.5323, -13.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

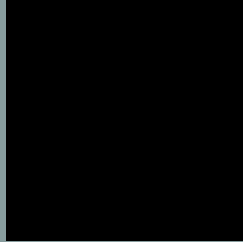
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

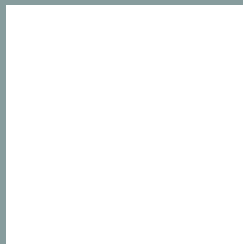
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.8350, 3.5323, -13.0103

Background



This preview shows how black text looks on a background with the YUV color 149.8350, 3.5323, -13.0103.



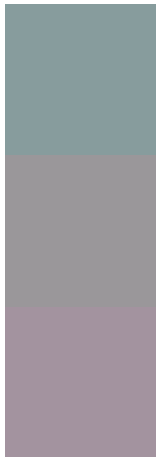
This preview shows how white text looks on a background with the YUV color 149.8350, 3.5323, -13.0103.

-13.0103.

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

149.8350, 3.5323, -13.0103

Protanopia

152.2390, 0.8682, 1.5444

Deuteranopia

153.1520, 2.8831, 8.6367



Tritanopia

150.3990, 8.1843, -11.7509

Trichromacy



Original Color

149.8350, 3.5323, -13.0103

Protanomaly

151.4340, 1.7580, -3.8886

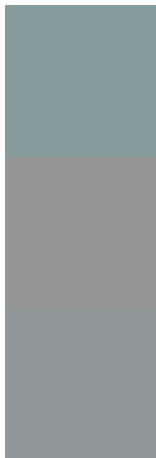
Deuteranomaly

151.8090, 3.0522, 1.0445

Tritanomaly

150.2310, 6.2951, -12.4806

Monochromacy



Original Color

149.8350, 3.5323, -13.0103

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8350, 3.5323, -13.0103 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, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 157)  
}
```

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, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 157) }
```

Border

The CSS property to change the border of an element to YUV 149.8350, 3.5323, -13.0103 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, 156, 157) }
```


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

```
.border{ border-color:rgb(135, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 156,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 149.8350, 3.5323, -13.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 157) }
```

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

```
.background{ background-color: rgb(135,  
156, 157) }
```

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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