

Converting Colors

YUV(144.0630, 4.4059,
-13.2103)

Have a look what the booklet for
YUV(144.0630, 4.4059, -13.2103)
contains.

YUV(144.0630, 4.4059, -13.2103)	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(144.0630, 4.4059,
-13.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	819699
RGB	129, 150, 153
RGB Percent	51%, 59%, 60%
CMY	0.4941, 0.4118, 0.4000
CMYK	0.16, 0.02, 0.00, 0.40
HSL	187°, 11%, 55%
HSV	187°, 16%, 60%
XYZ	25.7094, 28.7797, 34.3370
YIQ	144.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

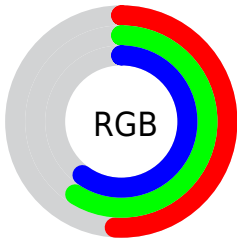
Format	Color
R_{YB}	129, 140, 153
Decimal	8492697
CIE _{Lab}	60.59, -6.75, -4.09
CIE _{LCh}	61, 7.895, 211.179
Yxy	28.7797, 0.2894, 0.3240
Android (android.graphics.Color)	4286682777 (0xFF819699)
YUV	144.0630, 4.4059, -13.2103
Hunter-Lab	53.6467, -8.3384, -0.3963

Details

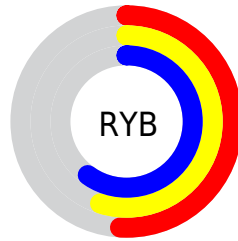
The YUV color **144.0630, 4.4059, -13.2103** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137.9370, -4.4059, 13.2103**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7640, 4.5533, -13.8250**, and **93.3620, 4.2585, -12.5955** is the 20% darker color. If you saturate the color by 10%, you get **138.4040, 7.1958, -21.4023**, and if you desaturate by 10%, it is **149.7220, 1.6161, -5.0182**.

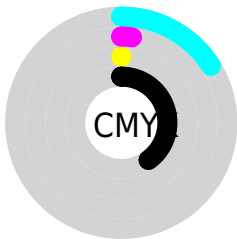
Distribution



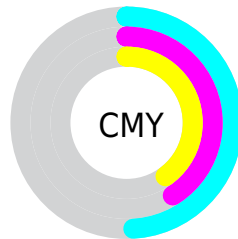
- Red (51%)
- Green (59%)
- Blue (60%)



- Red (51%)
- Yellow (55%)
- Blue (60%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.0630, 4.4059, -13.2103 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 144.0630, 4.4059, -13.2103 by changing the saturation by 10% instead.

■ 144.0630, 4.4059,
-13.2103

■ 144.0630, 4.4059,
-13.2103

■ 255.0000, 0.0000,
0.0000

■ 118.3620, 4.2585,
-12.5955

■ 197.7640, 4.5533,
-13.8250

■ 93.3620, 4.2585,
-12.5955

■ 225.7640, 4.5533,
-13.8250

■ 69.6610, 4.1111,
-11.9807

■ 249.9170, 2.5059,
-10.4512

■ 47.5470, 3.6743,
-11.8807

■ 25.9600, 3.9637,
-11.3659

■ 4.3030, 3.7946,
-3.7737

■ 0.0000, 0.0000,

0.0000

■ 144.0630, 4.4059,
-13.2103

■ 144.0630, 4.4059,
-13.2103

■ 138.4040, 7.1958,
-21.4023

■ 149.7220, 1.6161,
-5.0182

■ 132.4460, 10.1331,
-30.2091

■ 155.6800, -1.3212,
3.7886

■ 126.7870, 12.9230,
-38.4012

■ 161.3390, -4.1111,
11.9807

■ 121.1280, 15.7129,
-46.5933

■ 166.9980, -6.9010,
20.1728

■ 115.4690, 18.5028,
-54.7853

■ 172.9560, -9.8383,
28.9796

■ 110.0980, 21.1507,
-64.1069

■ 178.0280,
-12.3388, 37.6864

■ 104.4390, 23.9406,
-72.2990

■ 183.6870,
-15.1287, 45.8785

■ 98.7800, 26.7305,
-80.4911

■ 189.3460,
-17.9186, 54.0706

■ 96.1000, 28.0517,
-84.2797

■ 191.7160,
-19.0870, 55.5001

Harmonies

Analogous

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



143.8630, 1.0535, -11.2809



144.0630, 4.4059, -13.2103



144.9430, 6.4371, -11.3510

Triad

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



144.0630, 4.4059, -13.2103



147.4400, 2.7411, 7.5071



146.1980, -6.9996, 5.0884

Complementary

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



144.0630, 4.4059, -13.2103



137.9370, -4.4059, 13.2103

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.



146.4590, -6.1423, 10.1215



144.0630, 4.4059, -13.2103



147.2510, -0.6167, 11.1809

Square

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



144.0630, 4.4059, -13.2103



146.7920, 5.5255, 1.0594



147.3390, -4.1111, 11.9807



145.2080, -5.5255, -1.0594

Rectangle

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



144.0630, 4.4059, -13.2103



145.4920, 7.1524, -7.4475



147.3390, -4.1111, 11.9807



146.2090, -7.0050, 6.8327

Sweetspot

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



144.0630, 4.4059, -13.2103



195.4230, 1.7635, -5.6330



143.4300, -5.6350, -12.6551



97.2060, 0.8844, -3.6887



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



144.0630, 4.4059, -13.2103



184.7030, 7.0484, -20.7875



137.0190, 7.8786, -7.0327



74.0210, 1.4686, -4.4034



88.1610, 25.5566, -77.3172



7.9390, 2.4951, -6.9625

Inverse Universe

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



138.5700, 5.6350, 12.6551



176.1240, 8.8129, 20.0623



144.9810, -7.8786, 7.0327



72.1900, 1.8783, 4.2184



55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 144.0630, 4.4059, -13.2103 looks on a white background.

Color Contrast Check

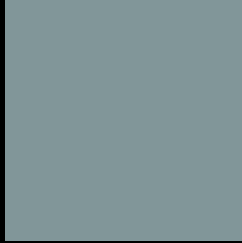
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0630, 4.4059, -13.2103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

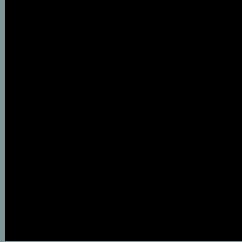
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.0630, 4.4059, -13.2103

Background



This preview shows how black text looks on a background with the YUV color 144.0630, 4.4059, -13.2103.



This preview shows how white text looks on a background with the YUV color 144.0630, 4.4059, -13.2103.

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

144.0630, 4.4059, -13.2103

Protanopia

146.1680, 1.8892, 0.7297

Deuteranopia

147.6680, 3.6147, 7.3072



Tritanopia

144.6870, 8.0423, -12.8805

Trichromacy



Original Color

144.0630, 4.4059, -13.2103

Protanomaly

145.3630, 2.7790, -4.7034

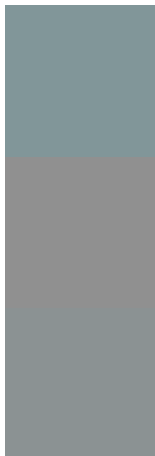
Deuteranomaly

146.3250, 3.7838, -0.2850

Tritanomaly

144.3450, 6.7319, -12.5806

Monochromacy



Original Color

144.0630, 4.4059, -13.2103

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0630, 4.4059, -13.2103 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(129, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 153)  
}
```

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(129, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 153) }
```

Border

The CSS property to change the border of an element to YUV 144.0630, 4.4059, -13.2103 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(129, 150, 153) }
```


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

```
.border{ border-color:rgb(129, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 144.0630, 4.4059, -13.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 153) }
```

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

```
.background{ background-color: rgb(129,  
150, 153) }
```

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