

Converting Colors

YUV(147.5280, -14.5573,
-44.3131)

Have a look what the booklet for
YUV(147.5280, -14.5573, -44.3131)
contains.

YUV(147.5280, -14.5573, -44.3131)	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(147.5280, -14.5573,
-44.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	61B376
RGB	97, 179, 118
RGB Percent	38%, 70%, 46%
CMY	0.6196, 0.2980, 0.5373
CMYK	0.46, 0.00, 0.34, 0.30
HSL	135°, 35%, 54%
HSV	135°, 46%, 70%
XYZ	24.3199, 36.0896, 22.8237
YIQ	147.5280, -29.2910, -36.3550

Conversions

Conversions Part 2

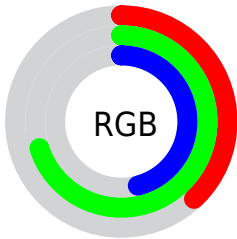
Format	Color
RYB	97, 162, 179
Decimal	6402934
CIELab	66.59, -38.56, 23.59
CIELCh	67, 45.200, 148.543
Yxy	36.0896, 0.2922, 0.4336
Android (android.graphics.Color)	4284593014 (0xFF61B376)
YUV	147.5280, -14.5573, -44.3131
Hunter-Lab	60.0746, -32.8688, 19.5266

Details

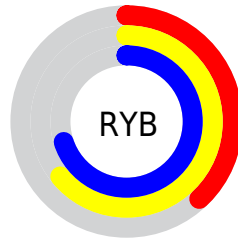
The YUV color **147.5280, -14.5573, -44.3131** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **128.4720, 14.5573, 44.3131**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8870, -15.7203, -44.6279**, and **94.0870, -12.3679, -46.5573** is the 20% darker color. If you saturate the color by 10%, you get **140.6640, -17.5824, -54.0793**, and if you desaturate by 10%, it is **154.3920, -11.5323, -34.5468**.

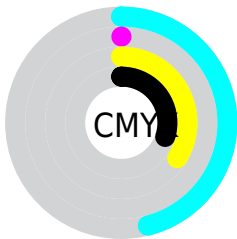
Distribution



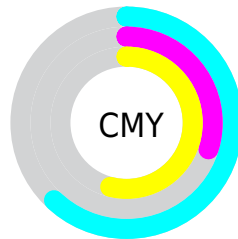
- Red (38%)
- Green (70%)
- Blue (46%)



- Red (38%)
- Yellow (64%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (34%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5280, -14.5573, -44.3131 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 147.5280, -14.5573, -44.3131 by changing the saturation by 10% instead.

■ 147.5280,
-14.5573, -44.3131

■ 147.5280,
-14.5573, -44.3131

■ 255.0000, 0.0000,
0.0000

■ 120.7560,
-13.6837, -44.5130

■ 202.8870,
-15.7203, -44.6279

■ 94.0870, -12.3679,
-46.5573

■ 226.0770,
-13.8420, -40.4095

■ 64.2430, -8.9938,
-55.4641

■ 237.6410, -5.7390,
-25.9952

■ 46.7610, -11.2212,
-41.0094

■ 249.6180, 2.6533,
-11.0660

■ 30.5240, -15.0483,
-26.7695

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 147.5280,
-14.5573, -44.3131

■ 147.5280,
-14.5573, -44.3131

■ 140.6640,
-17.5824, -54.0793

■ 154.3920,
-11.5323, -34.5468

■ 133.6860,
-21.0442, -63.7456

■ 161.3700, -8.0704,
-24.8805

■ 126.8220,
-24.0692, -73.5119

■ 168.2340, -5.0454,
-15.1142

■ 119.9580,
-27.0943, -83.2782

■ 175.0980, -2.0203,
-5.3479

■ 113.2790,
-30.7035, -92.3297

■ 182.0760, 1.4415,
4.3183

■ 110.3170,
-31.7083, -96.7480

■ 188.6410, 4.6140,
13.4698

■ 195.5050, 7.6390,
23.2361

■ 202.4830, 11.1009,
32.9024

■ 208.4500, 14.5682,
40.8244

Harmonies

Analogous

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



154.3620, -32.7165, -6.4565



147.5280, -14.5573, -44.3131



125.5470, 16.4923, -110.1047

Triad

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



147.5280, -14.5573, -44.3131



152.0430, 44.8418, -56.1657



162.8960, -18.6827, 65.8662

Complementary

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



147.5280, -14.5573, -44.3131



128.4720, 14.5573, 44.3131

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.



165.2110, 0.3890, 62.0820



147.5280, -14.5573, -44.3131



164.2240, 33.9066, -1.9504

Square

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



147.5280, -14.5573, -44.3131



130.1190, 49.2413, -114.1144



166.8780, 18.7941, 38.6950



160.9100, -33.4796, 51.8219

Rectangle

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



147.5280, -14.5573, -44.3131



128.6250, 28.2859, -112.8041



166.8780, 18.7941, 38.6950



163.5030, -12.5730, 66.2109

Sweetspot

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



147.5280, -14.5573, -44.3131



219.6960, -5.7661, -17.2734



163.3730, -32.7219, -4.7121



109.3100, -3.6038, -10.7959



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.



147.5280, -14.5573, -44.3131



182.8980, -22.6277, -69.1935



152.0880, 2.9146, -48.3122



85.6250, -1.2941, -4.9331



94.2570, -27.2417, -82.6634



16.0600, -4.4666, -14.0846

Inverse Universe

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



128.4720, 14.5573, 44.3131



153.1020, 22.6277, 69.1935



123.9120, -2.9146, 48.3122



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 147.5280, -14.5573, -44.3131 looks on a white background.

Color Contrast Check

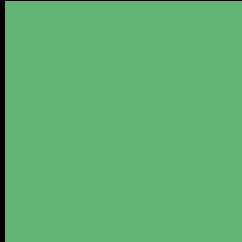
Large Text (above 18pt) WCAG AA × Fail

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 147.5280, -14.5573, -44.3131 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 147.5280, -14.5573, -44.3131 Background



This preview shows how black text looks on a background with the YUV color 147.5280, -14.5573, -44.3131.



This preview shows how white text looks on a background with the YUV color 147.5280, -14.5573, -44.3131.

-44.3131.

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

147.5280, -14.5573, -44.3131

Protanopia

159.0730, -24.1930, 13.0910

Deuteranopia

160.9310, -18.7000, 24.6165



Tritanopia

154.8410, 14.3754, -37.5716

Trichromacy



Original Color

147.5280, -14.5573, -44.3131

Protanomaly

155.1520, -20.7809, -8.0263

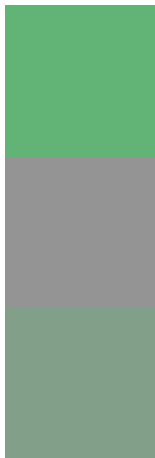
Deuteranomaly

156.1190, -17.3137, -0.1044

Tritanomaly

152.3710, 3.7611, -39.7904

Monochromacy



Original Color

147.5280, -14.5573, -44.3131

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.5220, -5.1873, -16.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5280, -14.5573, -44.3131 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(97, 179, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 179, 118)  
}
```

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(97, 179, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 179, 118) }
```

Border

The CSS property to change the border of an element to YUV 147.5280, -14.5573, -44.3131 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(97, 179, 118) }
```


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

```
.border{ border-color:rgb(97, 179, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 179, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 179, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 179, 118); box-shadow:4px 4px 4px 4px rgb(97, 179, 118) }
```

Background

The CSS property to change the background color of an element to YUV 147.5280, -14.5573, -44.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 179, 118) }
```

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

```
.background{ background-color: rgb(97, 179,  
118) }
```

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