

Converting Colors

YUV(147.2120, -15.3875,
-58.0679)

Have a look what the booklet for
YUV(147.2120, -15.3875, -58.0679)
contains.

YUV(147.2120, -15.3875, -58.0679)	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(147.2120, -15.3875,
-58.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	51BB74
RGB	81, 187, 116
RGB Percent	32%, 73%, 45%
CMY	0.6824, 0.2667, 0.5451
CMYK	0.57, 0.00, 0.38, 0.27
HSL	140°, 44%, 53%
HSV	140°, 57%, 73%
XYZ	24.3160, 38.5509, 22.6825
YIQ	147.2120, -40.3850, -44.5530

Conversions

Conversions Part 2

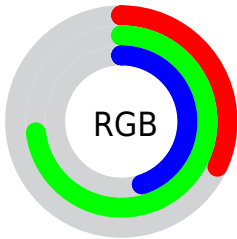
Format	Color
RYB	81, 161, 187
Decimal	5356404
CIELab	68.42, -46.49, 27.00
CIELCh	68, 53.760, 149.853
Yxy	38.5509, 0.2842, 0.4506
Android (android.graphics.Color)	4283546484 (0xFF51BB74)
YUV	147.2120, -15.3875, -58.0679
Hunter-Lab	62.0894, -38.7506, 21.8028

Details

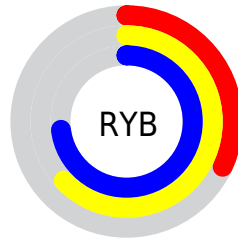
The YUV color **147.2120, -15.3875, -58.0679** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **120.7880, 15.3875, 58.0679**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7560, -17.1347, -57.6680**, and **86.6060, -9.6658, -73.3225** is the 20% darker color. If you saturate the color by 10%, you get **140.0490, -18.2652, -68.4490**, and if you desaturate by 10%, it is **154.3750, -12.5099, -47.6869**.

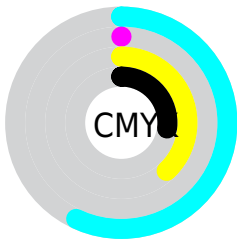
Distribution



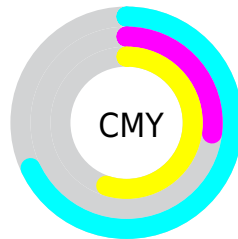
- Red (32%)
- Green (73%)
- Blue (45%)



- Red (32%)
- Yellow (63%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2120, -15.3875, -58.0679 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 147.2120, -15.3875, -58.0679 by changing the saturation by 10% instead.

■ 147.2120,
-15.3875, -58.0679

■ 147.2120,
-15.3875, -58.0679

■ 255.0000, 0.0000,
0.0000

■ 119.2440,
-13.9243, -60.7270

■ 203.7560,
-17.1347, -57.6680

■ 86.6060, -9.6658,
-73.3225

■ 221.9620,
-12.7993, -48.2017

■ 67.8250, -11.7457,
-59.4825

■ 233.8250, -4.8437,
-33.1725

■ 50.5280, -14.5573,
-44.3131

■ 245.8020, 3.5486,
-18.2434

■ 33.4590, -16.4953,
-29.3435

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 147.2120,
-15.3875, -58.0679

■ 147.2120,
-15.3875, -58.0679

■ 140.0490,
-18.2652, -68.4490

■ 154.3750,
-12.5099, -47.6869

■ 133.2990,
-20.8534, -78.3152

■ 161.1250, -9.9216,
-37.8206

■ 126.1360,
-23.7310, -88.6963

■ 168.2880, -7.0440,
-27.4396

■ 119.0870,
-26.1719, -99.1773

■ 175.3370, -4.6031,
-16.9585

■ 116.8370,
-27.0346, -102.4660

■ 182.2010, -1.5781,
-7.1923

■ 189.2500, 0.8628,
3.2887

■ 196.4130, 3.7404,
13.6698

■ 203.4620, 6.1812,
24.1508

■ 210.3260, 9.2063,
33.9171

Harmonies

Analogous

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



157.0320, -38.9628, -9.6751



147.2120, -15.3875, -58.0679



130.9270, 16.7980, -114.8230

Triad

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



147.2120, -15.3875, -58.0679



150.0670, 51.7320, -72.8498



166.3490, -22.3571, 77.7469

Complementary

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



147.2120, -15.3875, -58.0679



120.7880, 15.3875, 58.0679

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.



168.5870, 0.2036, 74.9072



147.2120, -15.3875, -58.0679



169.5430, 40.1583, -0.4762

Square

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



147.2120, -15.3875, -58.0679



136.5080, 55.9516, -119.7175



171.4430, 21.9666, 47.8465



164.8310, -40.3427, 59.7842

Rectangle

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



147.2120, -15.3875, -58.0679



134.6890, 31.2123, -118.1223



171.4430, 21.9666, 47.8465



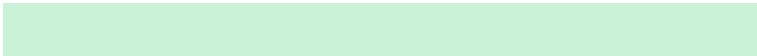
165.8250, -14.2107, 78.2065

Sweetspot

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



147.2120, -15.3875, -58.0679



226.6630, -5.7499, -22.5065



164.7500, -41.2888, -10.3048



113.0000, -3.4510, -13.1550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



147.2120, -15.3875, -58.0679



180.4240, -23.8730, -89.8258



153.1400, 7.3260, -63.2668



90.6250, -1.2941, -4.9331



98.6740, -23.0103, -86.5371



19.3370, -4.6031, -16.9585

Inverse Universe

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



120.7880, 15.3875, 58.0679



139.5760, 23.8730, 89.8258



114.8600, -7.3260, 63.2668



88.3750, 1.2941, 4.9331



59.3260, 23.0103, 86.5371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 147.2120, -15.3875, -58.0679 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 147.2120, -15.3875, -58.0679 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 147.2120, -15.3875, -58.0679 Background



This preview shows how black text looks on a background with the YUV color 147.2120, -15.3875, -58.0679.



This preview shows how white text looks on a background with the YUV color 147.2120, -15.3875, -58.0679.

-58.0679.

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

147.2120, -15.3875, -58.0679

Protanopia

163.4600, -27.8348, 14.5056

Deuteranopia

165.8450, -21.6156, 26.4459



Tritanopia

156.8720, 17.3181, -48.1227

Trichromacy



Original Color

147.2120, -15.3875, -58.0679

Protanomaly

157.7340, -23.5329, -12.0447

Deuteranomaly

158.9290, -19.1920, -4.3227

Tritanomaly

153.0490, 5.3988, -51.7860

Monochromacy



Original Color

147.2120, -15.3875, -58.0679

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3750, -5.6079, -21.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2120, -15.3875, -58.0679 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(81, 187, 116)` looks like.

```
.text, #text, p{  
    color:rgb(81, 187, 116)  
}
```

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(81, 187, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 187, 116) }
```

Border

The CSS property to change the border of an element to YUV 147.2120, -15.3875, -58.0679 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(81, 187, 116) }
```


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

```
.border{ border-color:rgb(81, 187, 116) }
```

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

Here you see how a box with a 4 pixel rgb(81, 187, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 187, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 187, 116);  
box-shadow:4px 4px 4px 4px rgb(81, 187,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 147.2120, -15.3875, -58.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 187, 116) }
```

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

```
.background{ background-color: rgb(81, 187,  
116) }
```

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