

Converting Colors

YUV(147.2650, -15.9066,
-78.2854)

Have a look what the booklet for
YUV(147.2650, -15.9066, -78.2854)
contains.

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Color

**YUV(147.2650, -15.9066,
-78.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC773
RGB	58, 199, 115
RGB Percent	23%, 78%, 45%
CMY	0.7725, 0.2196, 0.5490
CMYK	0.71, 0.00, 0.42, 0.22
HSL	144°, 56%, 50%
HSV	144°, 71%, 78%
XYZ	25.2629, 42.9842, 23.1849
YIQ	147.2650, -57.0720, -56.0160

Conversions

Conversions Part 2

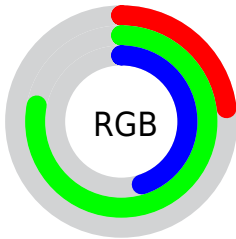
Format	Color
RYB	58, 158, 199
Decimal	3852147
CIELab	71.54, -55.87, 31.51
CIELCh	72, 64.141, 150.578
Yxy	42.9842, 0.2763, 0.4701
Android (android.graphics.Color)	4282042227 (0xFF3AC773)
YUV	147.2650, -15.9066, -78.2854
Hunter-Lab	65.5623, -45.9534, 24.9268

Details

The YUV color **147.2650, -15.9066, -78.2854** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **109.7350, 15.9066, 78.2854**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6140, -18.5437, -72.4525**, and **91.9380, -13.2804, -80.6296** is the 20% darker color. If you saturate the color by 10%, you get **139.9170, -18.2001, -89.3812**, and if you desaturate by 10%, it is **154.6130, -13.6132, -67.1896**.

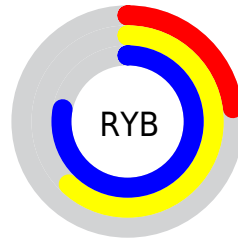
Distribution



Red (23%)

Green (78%)

Blue (45%)



Red (23%)

Yellow (62%)

Blue (78%)

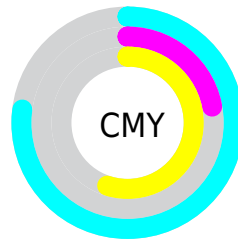


Cyan (71%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (77%)

Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2650, -15.9066, -78.2854 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 147.2650, -15.9066, -78.2854 by changing the saturation by 10% instead.

■ 147.2650,
-15.9066, -78.2854

■ 147.2650,
-15.9066, -78.2854

■ 255.0000, 0.0000,
0.0000

■ 110.6370,
-10.1740, -97.0286

■ 205.6140,
-18.5437, -72.4525

■ 91.9380, -13.2804,
-80.6296

■ 217.6620,
-11.1724, -56.7086

■ 73.4670, -15.5132,
-64.4306

■ 229.9380, -2.9274,
-41.1646

■ 55.4690, -18.4722,
-48.6463

■ 242.1000, 4.8807,
-25.5207

■ 38.7420, -19.0998,
-33.9767

■ 251.4120, 1.7689,
-7.3773

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 147.2650,
-15.9066, -78.2854

■ 147.2650,
-15.9066, -78.2854

■ 139.9170,
-18.2001, -89.3812

■ 154.6130,
-13.6132, -67.1896

■ 132.5690,
-20.4935, -100.4770

■ 161.9610,
-11.3198, -56.0938

■ 125.9330,
-22.6450, -110.4432

■ 169.3090, -9.0263,
-44.9980

■ 176.5430, -7.1697,
-33.8022

■ 183.8910, -4.8763,
-22.7064

■ 190.9400, -2.4354,
-12.2254

■ 198.2880, -0.1420,
-1.1296

■ 205.6360, 2.1515,
9.9662

■ 212.9840, 4.4449,
21.0620

Harmonies

Analogous

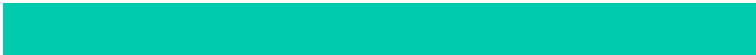
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.2350, -46.9509, -14.2381



147.2650, -15.9066, -78.2854



139.1110, 17.6933, -122.0003

Triad

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



147.2650, -15.9066, -78.2854



135.3170, 59.0037, -118.6730



165.5340, -22.9413, 78.4617

Complementary

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



147.2650, -15.9066, -78.2854



109.7350, 15.9066, 78.2854

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.



167.4500, 4.7082, 76.7814



147.2650, -15.9066, -78.2854



175.6250, 39.1319, 2.0829

Square

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



147.2650, -15.9066, -78.2854



144.1220, 54.6629, -126.3950



179.7740, 26.7334, 58.9572



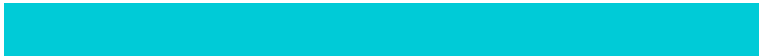
171.8940, -49.2477, 69.3760

Rectangle

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



147.2650, -15.9066, -78.2854



143.6710, 35.1652, -125.9995



179.7740, 26.7334, 58.9572



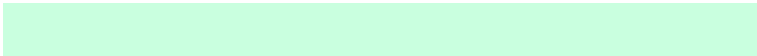
164.7650, -13.1951, 79.1361

Sweetspot

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



147.2650, -15.9066, -78.2854



235.2060, -6.0176, -29.9987



166.1820, -53.3337, -20.3306



116.2660, -3.5821, -17.7733



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.2650, -15.9066, -78.2854



175.4110, -24.3596, -120.5094



155.2450, 14.6692, -85.2839



95.7390, -0.8573, -5.0331



103.2050, -18.3421, -90.5108



22.7280, -4.3029, -19.9325

Inverse Universe

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



109.7350, 15.9066, 78.2854



117.5890, 24.3596, 120.5094



101.7550, -14.6692, 85.2839



93.2610, 0.8573, 5.0331



59.7950, 18.3421, 90.5108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 147.2650, -15.9066, -78.2854 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 147.2650, -15.9066, -78.2854 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 147.2650, -15.9066, -78.2854 Background



This preview shows how black text looks on a background with the YUV color 147.2650, -15.9066, -78.2854.



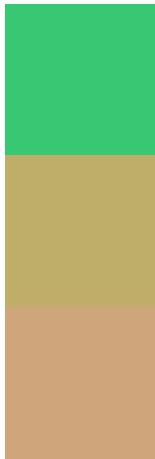
This preview shows how white text looks on a background with the YUV color 147.2650, -15.9066, -78.2854.

-78.2854.

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

147.2650, -15.9066, -78.2854

Protanopia

170.9180, -32.4976, 16.7349

Deuteranopia

173.3570, -24.8260, 29.5049



Tritanopia

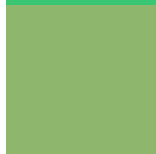
161.4080, 20.9979, -61.7478

Trichromacy



Original Color

147.2650, -15.9066, -78.2854



Protanomaly

162.3050, -26.2794, -17.8075



Deuteranomaly

163.9130, -21.6491, -9.5707



Tritanomaly

156.5200, 7.6316, -67.9850

Monochromacy



Original Color

147.2650, -15.9066, -78.2854



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.2170, -6.0230, -28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2650, -15.9066, -78.2854 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(58, 199, 115)` looks like.

```
.text, #text, p{  
  color:rgb(58, 199, 115)  
}
```

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(58, 199, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 199, 115) }
```

Border

The CSS property to change the border of an element to YUV 147.2650, -15.9066, -78.2854 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(58, 199, 115) }
```


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

```
.border{ border-color:rgb(58, 199, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 199, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 199, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 199, 115);  
box-shadow:4px 4px 4px 4px rgb(58, 199,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 147.2650, -15.9066, -78.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 199, 115) }
```

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

```
.background{ background-color: rgb(58, 199,  
115) }
```

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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