

Converting Colors

YUV(155.7560, -30.4457,
-34.8660)

Have a look what the booklet for
YUV(155.7560, -30.4457, -34.8660)
contains.

YUV(155.7560, -30.4457, -34.8660)	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(155.7560, -30.4457,
-34.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	74BC5E
RGB	116, 188, 94
RGB Percent	45%, 74%, 37%
CMY	0.5451, 0.2627, 0.6314
CMYK	0.38, 0.00, 0.50, 0.26
HSL	106°, 41%, 55%
HSV	106°, 50%, 74%
XYZ	27.2061, 40.4876, 16.9707
YIQ	155.7560, -12.7380, -44.4980

Conversions

Conversions Part 2

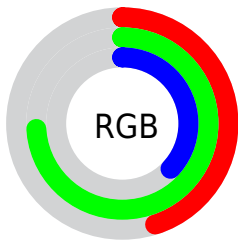
Format	Color
RYB	94, 188, 166
Decimal	7650398
CIELab	69.82, -40.38, 40.33
CIELCh	70, 57.064, 135.036
Yxy	40.4876, 0.3213, 0.4782
Android (android.graphics.Color)	4285840478 (0xFF74BC5E)
YUV	155.7560, -30.4457, -34.8660
Hunter-Lab	63.6299, -35.0315, 28.7277

Details

The YUV color **155.7560, -30.4457, -34.8660** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **126.2440, 30.4457, 34.8660**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5880, -32.3349, -35.5957**, and **102.2120, -28.6985, -35.2659** is the 20% darker color. If you saturate the color by 10%, you get **149.4040, -36.6812, -41.5733**, and if you desaturate by 10%, it is **162.1080, -24.2102, -28.1587**.

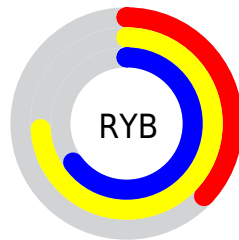
Distribution



Red (45%)

Green (74%)

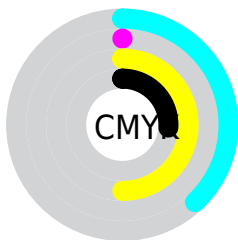
Blue (37%)



Red (37%)

Yellow (74%)

Blue (65%)

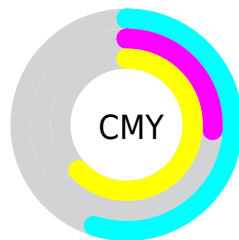


Cyan (38%)

Magenta (0%)

Yellow (50%)

Black (26%)



Cyan (55%)

Magenta (26%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7560, -30.4457, -34.8660 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 155.7560, -30.4457, -34.8660 by changing the saturation by 10% instead.

■ 155.7560,
-30.4457, -34.8660

■ 155.7560,
-30.4457, -34.8660

■ 255.0000, 0.0000,
0.0000

■ 128.9840,
-29.5721, -35.0660

■ 211.5880,
-32.3349, -35.5957

■ 102.2120,
-28.6985, -35.2659

■ 229.2070,
-27.7101, -25.6145

■ 74.9020, -28.5457,
-37.6251

■ 241.0700,
-19.7545, -10.5854

■ 48.7210, -24.0195,
-42.7283

■ 252.1500,
-10.9200, 2.4994

■ 34.6330, -17.0741,
-30.3731

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,

0.0000

■ 155.7560,
-30.4457, -34.8660

■ 155.7560,
-30.4457, -34.8660

■ 149.4040,
-36.6812, -41.5733

■ 162.1080,
-24.2102, -28.1587

■ 142.7530,
-42.7692, -48.8954

■ 168.7590,
-18.1222, -20.8366

■ 136.5150,
-48.5679, -55.7027

■ 174.9970,
-12.3235, -14.0294

■ 129.8640,
-54.6560, -63.0247

■ 181.6480, -6.2355,
-6.7073

■ 123.5120,
-60.8914, -69.7320

■ 188.0000, 0.0000,
0.0000

■ 194.3520, 6.2355,
6.7073

■ 201.0030, 12.3235,
14.0294

■ 207.2410, 18.1222,
20.8366

■ 212.9800, 20.7159,
28.9585

Harmonies

Analogous

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



162.9330, -48.7740, 10.5828



155.7560, -30.4457, -34.8660



130.6530, 5.5941, -114.5827

Triad

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



155.7560, -30.4457, -34.8660



137.0780, 58.1355, -120.2174



166.8510, -10.2795, 77.3067

Complementary

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



155.7560, -30.4457, -34.8660



126.2440, 30.4457, 34.8660

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.



173.7570, 12.4448, 68.6191



155.7560, -30.4457, -34.8660



165.0720, 44.3345, -33.3891

Square

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



155.7560, -30.4457, -34.8660



140.9930, 50.2895, -123.6509



175.4110, 33.8144, 27.7036



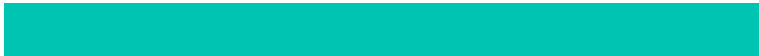
168.8250, -34.4237, 74.6985

Rectangle

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



155.7560, -30.4457, -34.8660



135.3440, 21.0294, -118.6967



175.4110, 33.8144, 27.7036



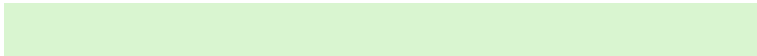
168.3160, -2.1278, 76.0219

Sweetspot

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



155.7560, -30.4457, -34.8660



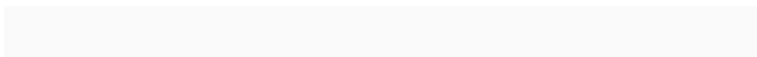
232.4100, -12.0341, -13.5146



163.7830, -34.4030, 21.2383



114.7080, -7.2510, -7.6369



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.



155.7560, -30.4457, -34.8660



194.4550, -47.5523, -54.7730



151.9140, -16.7196, -50.7906



90.8810, -2.8993, -3.4036



103.8090, -51.1778, -58.5915



20.2900, -10.0030, -11.6553

Inverse Universe

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



126.2440, 30.4457, 34.8660



148.2460, 47.6997, 54.1583



130.2000, 17.1564, 50.6906



88.1190, 2.8993, 3.4036



54.1910, 51.1778, 58.5915



10.4110, 10.1504, 11.0406

Previews

White Background



This preview shows how the YUV color 155.7560, -30.4457, -34.8660 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 155.7560, -30.4457, -34.8660 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 155.7560, -30.4457, -34.8660 Background



This preview shows how black text looks on a background with the YUV color 155.7560, -30.4457, -34.8660.



This preview shows how white text looks on a background with the YUV color 155.7560, -30.4457, -34.8660.

-34.8660.

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

155.7560, -30.4457, -34.8660

Protanopia

165.7350, -38.3234, 18.6494

Deuteranopia

168.2020, -33.1306, 33.1488



Tritanopia

165.4400, 12.6011, -28.4499

Trichromacy



Original Color

155.7560, -30.4457, -34.8660

Protanomaly

162.2980, -35.6429, -1.1383

Deuteranomaly

163.2760, -32.1811, 8.5279

Tritanomaly

162.0040, -2.9600, -30.6985

Monochromacy



Original Color

155.7560, -30.4457, -34.8660

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9370, -11.3079, -13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7560, -30.4457, -34.8660 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(116, 188, 94)` looks like.

```
.text, #text, p{  
    color:rgb(116, 188, 94)  
}
```

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(116, 188, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 188, 94) }
```

Border

The CSS property to change the border of an element to YUV 155.7560, -30.4457, -34.8660 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(116, 188, 94) }
```


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

```
.border{ border-color:rgb(116, 188, 94) }
```

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

Here you see how a box with a 4 pixel rgb(116, 188, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 188, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 188, 94);  
box-shadow:4px 4px 4px 4px rgb(116, 188,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 155.7560, -30.4457, -34.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 188, 94) }
```

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

```
.background{ background-color: rgb(116,  
188, 94) }
```

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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