

Converting Colors

YUV(174.1330, -35.5616,
-27.3036)

Have a look what the booklet for
YUV(174.1330, -35.5616, -27.3036)
contains.

YUV(174.1330, -35.5616, -27.3036)	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(174.1330, -35.5616,
-27.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCC66
RGB	143, 204, 102
RGB Percent	56%, 80%, 40%
CMY	0.4392, 0.2000, 0.6000
CMYK	0.30, 0.00, 0.50, 0.20
HSL	96°, 50%, 60%
HSV	96°, 50%, 80%
XYZ	35.3188, 49.9847, 20.3569
YIQ	174.1330, -3.6140, -44.6540

Conversions

Conversions Part 2

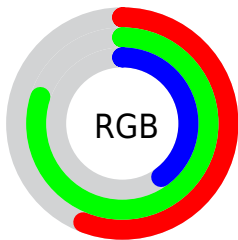
Format	Color
RYB	102, 204, 163
Decimal	9423974
CIELab	76.06, -37.34, 44.36
CIELCh	76, 57.987, 130.089
Yxy	49.9847, 0.3343, 0.4731
Android (android.graphics.Color)	4287614054 (0xFF8FCC66)
YUV	174.1330, -35.5616, -27.3036
Hunter-Lab	70.6998, -34.5532, 32.4183

Details

The YUV color **174.1330, -35.5616, -27.3036** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **131.8670, 35.5616, 27.3036**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8560, -35.4250, -24.4297**, and **119.8880, -33.9618, -27.0888** is the 20% darker color. If you saturate the color by 10%, you get **168.2650, -42.5286, -32.6814**, and if you desaturate by 10%, it is **180.0010, -28.5945, -21.9259**.

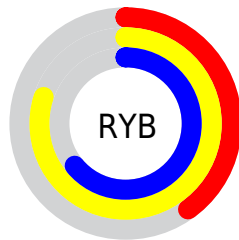
Distribution



Red (56%)

Green (80%)

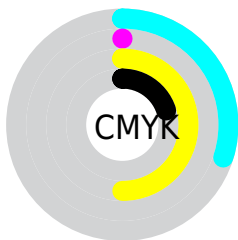
Blue (40%)



Red (40%)

Yellow (80%)

Blue (64%)

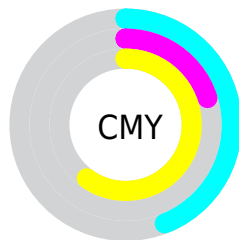


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1330, -35.5616, -27.3036 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 174.1330, -35.5616, -27.3036 by changing the saturation by 10% instead.

■ 174.1330,
-35.5616, -27.3036

■ 174.1330,
-35.5616, -27.3036

255.0000, 0.0000,
0.0000

■ 146.6600,
-34.8354, -26.8888

■ 226.8560,
-35.4250, -24.4297

■ 119.8880,
-33.9618, -27.0888

■ 238.7190,
-27.4695, -9.4006

■ 93.4750, -34.2512,
-27.6036

■ 249.9840,
-19.2191, 4.3990

■ 67.6920, -33.3722,
-29.5479

■ 253.1760, -6.9888,
1.5996

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,
-25.7399

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 174.1330,
-35.5616, -27.3036

■ 174.1330,
-35.5616, -27.3036

■ 168.2650,
-42.5286, -32.6814

■ 180.0010,
-28.5945, -21.9259

■ 162.2830,
-49.9325, -37.9592

■ 185.9830,
-21.1906, -16.6481

■ 156.1160,
-56.7522, -43.9517

■ 192.1500,
-14.3709, -10.6555

■ 150.1340,
-64.1561, -49.2295

■ 198.1320, -6.9671,
-5.3778

■ 144.2660,
-71.1231, -54.6073

■ 204.0000, 0.0000,
0.0000

■ 209.8680, 6.9671,
5.3778

■ 215.8500, 14.3710,
10.6556

■ 220.8770, 16.8226,
17.6479

■ 224.4650, 15.0538,
25.0252

Harmonies

Analogous

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



180.4070, -50.9797, 18.0601



174.1330, -35.5616, -27.3036



157.8750, -4.3754, -90.2214

Triad

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



174.1330, -35.5616, -27.3036



148.2310, 52.6371, -129.9986



178.5060, -3.7005, 67.0852

Complementary

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



174.1330, -35.5616, -27.3036



131.8670, 35.5616, 27.3036

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.



188.1840, 18.1503, 58.5976



174.1330, -35.5616, -27.3036



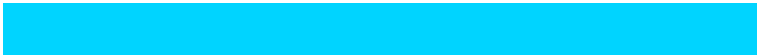
176.5130, 38.6941, -44.2999

Square

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



174.1330, -35.5616, -27.3036



153.5140, 50.0326, -134.6318



190.7970, 31.6521, 21.2260



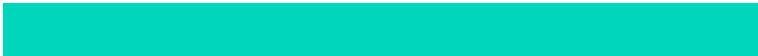
179.2630, -28.7237, 66.4213

Rectangle

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



174.1330, -35.5616, -27.3036



146.8220, 19.3148, -128.7629



190.7970, 31.6521, 21.2260



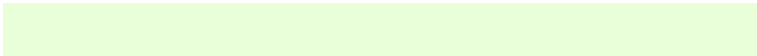
180.6720, 4.5987, 65.1857

Sweetspot

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



174.1330, -35.5616, -27.3036



243.7910, -13.2080, -10.3407



167.7180, -32.3990, 31.8193



121.1920, -7.9827, -6.3074



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.



174.1330, -35.5616, -27.3036



210.0500, -53.2687, -41.2629



162.7860, -26.0235, -53.3093



99.0660, -3.4835, -2.6889



117.4750, -57.9152, -44.2666



26.7910, -13.2080, -10.3407

Inverse Universe

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



131.8670, 35.5616, 27.3036



146.6510, 53.4161, 40.6481



143.2140, 26.0235, 53.3093



94.9340, 3.4835, 2.6889



48.5250, 57.9152, 44.2666



11.2090, 13.2080, 10.3407

Previews

White Background



This preview shows how the YUV color 174.1330, -35.5616, -27.3036 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 174.1330, -35.5616, -27.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

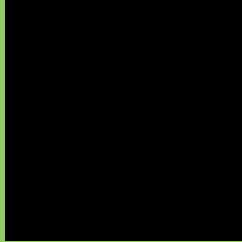
Any Text WCAG AA ✓ Pass

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 174.1330, -35.5616, -27.3036 Background



This preview shows how black text looks on a background with the YUV color 174.1330, -35.5616, -27.3036.



This preview shows how white text looks on a background with the YUV color 174.1330, -35.5616, -27.3036.

-27.3036.

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

174.1330, -35.5616, -27.3036

Protanopia

182.3070, -42.5494, 20.7788

Deuteranopia

184.6710, -37.7988, 37.1225



Tritanopia

183.9570, 11.8532, -21.8873

Trichromacy



Original Color

174.1330, -35.5616, -27.3036

Protanomaly

179.1800, -40.0217, 3.3501

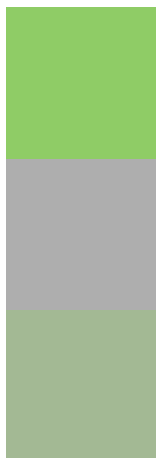
Deuteranomaly

180.4570, -36.7073, 13.6312

Tritanomaly

180.0650, -5.4550, -23.7360

Monochromacy



Original Color

174.1330, -35.5616, -27.3036

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2040, -12.9186, -9.8259

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1330, -35.5616, -27.3036 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(143, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 102)  
}
```

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(143, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 102) }
```

Border

The CSS property to change the border of an element to YUV 174.1330, -35.5616, -27.3036 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(143, 204, 102) }
```


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

```
.border{ border-color:rgb(143, 204, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 174.1330, -35.5616, -27.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 102) }
```

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

```
.background{ background-color: rgb(143,  
204, 102) }
```

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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