

Converting Colors

YUV(149.8400, -55.1371,
-95.4527)

Have a look what the booklet for
YUV(149.8400, -55.1371, -95.4527)
contains.

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Color

**YUV(149.8400, -55.1371,
-95.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	29E326
RGB	41, 227, 38
RGB Percent	16%, 89%, 15%
CMY	0.8392, 0.1098, 0.8510
CMYK	0.82, 0.00, 0.83, 0.11
HSL	119°, 77%, 52%
HSV	119°, 83%, 89%
XYZ	28.7334, 55.5495, 11.0415
YIQ	149.8400, -50.1870, -98.2110

Conversions

Conversions Part 2

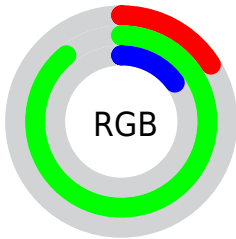
Format	Color
RYB	38, 227, 224
Decimal	2745126
CIELab	79.36, -75.45, 71.14
CIELCh	79, 103.700, 136.682
Yxy	55.5495, 0.3014, 0.5827
Android (android.graphics.Color)	4280935206 (0xFF29E326)
YUV	149.8400, -55.1371, -95.4527
Hunter-Lab	74.5316, -61.6149, 43.3886

Details

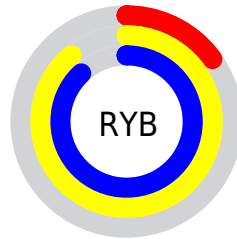
The YUV color **149.8400, -55.1371, -95.4527** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **115.1600, 55.1371, 95.4527**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6770, -47.6618, -66.3687**, and **99.7900, -49.1965, -87.5158** is the 20% darker color. If you saturate the color by 10%, you get **140.6400, -61.9405, -106.6783**, and if you desaturate by 10%, it is **159.0400, -48.3337, -84.2271**.

Distribution



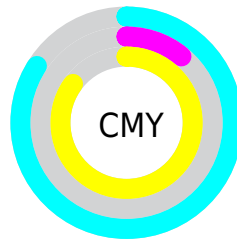
- Red (16%)
- Green (89%)
- Blue (15%)



- Red (15%)
- Yellow (89%)
- Blue (88%)



- Cyan (82%)
- Magenta (0%)
- Yellow (83%)
- Black (11%)



- Cyan (84%)
- Magenta (11%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8400, -55.1371, -95.4527 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 149.8400, -55.1371, -95.4527 by changing the saturation by 10% instead.

■ 149.8400,
-55.1371, -95.4527

■ 149.8400,
-55.1371, -95.4527

■ 255.0000, 0.0000,
0.0000

■ 116.2260,
-57.2994, -101.9302

■ 197.6770,
-47.6618, -66.3687

■ 99.7900, -49.1965,
-87.5158

■ 210.8500,
-39.8590, -48.9804

■ 83.3540, -41.0935,
-73.1015

■ 223.7240,
-31.9089, -32.2069

■ 67.5050, -33.2800,
-59.2019

■ 236.5980,
-23.9588, -15.4334

■ 52.2430, -25.7558,
-45.8171

■ 249.1730,
-15.8613, 0.7253

■ 37.5680, -18.5210,
-32.9471

■ 254.0880, -3.4944,

■ 22.3060, -10.9969,

0.7998

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 149.8400,
-55.1371, -95.4527

■ 149.8400,
-55.1371, -95.4527

■ 140.6400,
-61.9405, -106.6783

■ 159.0400,
-48.3337, -84.2271

■ 134.4450,
-66.2814, -114.4003

■ 168.4250,
-42.1145, -72.2867

■ 177.6250,
-35.3111, -61.0611

■ 186.8250,
-28.5077, -49.8355

■ 196.3240,
-21.8517, -37.9951

■ 205.4100,
-15.4851, -26.6696

■ 214.6100, -8.6817,
-15.4440

■ 224.1090, -2.0257,
-3.6036

■ 233.1950, 4.3409,
7.7220

Harmonies

Analogous

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



178.2970, -87.9004, 6.7555



149.8400, -55.1371, -95.4527



155.5180, -3.2134, -136.3893

Triad

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



149.8400, -55.1371, -95.4527



158.7970, 47.4281, -139.2650



138.9030, 4.4848, 101.8171

Complementary

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



149.8400, -55.1371, -95.4527



115.1600, 55.1371, 95.4527

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.



153.9560, 44.3917, 88.6156



149.8400, -55.1371, -95.4527



148.9720, 52.2718, -106.0924

Square

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



149.8400, -55.1371, -95.4527



167.0150, 43.3766, -146.4722



188.0820, 32.9906, 58.6871



158.0100, -51.7699, 85.0602

Rectangle

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



149.8400, -55.1371, -95.4527



164.3300, 25.4733, -144.1174



188.0820, 32.9906, 58.6871



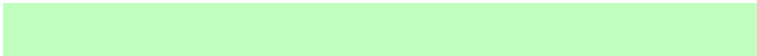
137.7410, 20.3407, 102.8361

Sweetspot

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



149.8400, -55.1371, -95.4527



228.8670, -18.6684, -32.3324



203.6930, -81.6866, 20.4402



112.1920, -11.4337, -19.4624



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.



149.8400, -55.1371, -95.4527



150.8810, -74.3843, -128.8146



159.3170, -14.9463, -106.3950



110.0440, -3.4727, -6.1776



105.9700, -52.2432, -90.3047



30.2360, -14.9063, -25.6400

Inverse Universe

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



115.1600, 55.1371, 95.4527



104.1190, 74.3843, 128.8146



105.6830, 14.9463, 106.3950



107.9560, 3.4727, 6.1776



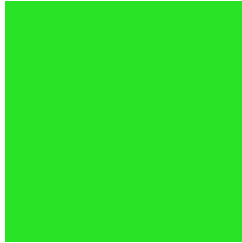
73.0300, 52.2432, 90.3047



20.7640, 14.9063, 25.6400

Previews

White Background



This preview shows how the YUV color 149.8400, -55.1371, -95.4527 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 149.8400, -55.1371, -95.4527 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 149.8400, -55.1371, -95.4527 Background



This preview shows how black text looks on a background with the YUV color 149.8400, -55.1371, -95.4527.



This preview shows how white text looks on a background with the YUV color 149.8400, -55.1371, -95.4527.

-95.4527.

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

149.8400, -55.1371, -95.4527

Protanopia

183.2520, -76.0462, 31.3510

Deuteranopia

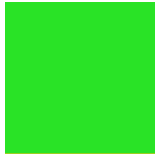
188.5050, -62.8600, 48.6691



Tritanopia

180.0480, 23.6403, -69.3251

Trichromacy



Original Color

149.8400, -55.1371, -95.4527



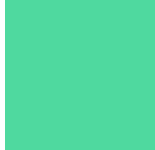
Protanomaly

171.2030, -68.6271, -15.0870



Deuteranomaly

174.2720, -59.7871, -3.7465



Tritanomaly

169.1260, -4.9921, -79.0405

Monochromacy



Original Color

149.8400, -55.1371, -95.4527



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8020, -20.1154, -34.9064

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8400, -55.1371, -95.4527 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(41, 227, 38)` looks like.

```
.text, #text, p{  
    color:rgb(41, 227, 38)  
}
```

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(41, 227, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 227, 38) }
```

Border

The CSS property to change the border of an element to YUV 149.8400, -55.1371, -95.4527 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(41, 227, 38) }
```


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

```
.border{ border-color:rgb(41, 227, 38) }
```

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

Here you see how a box with a 4 pixel rgb(41, 227, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 227, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 227, 38);  
box-shadow:4px 4px 4px 4px rgb(41, 227,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 149.8400, -55.1371, -95.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 227, 38) }
```

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

```
.background{ background-color: rgb(41, 227,  
38) }
```

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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