

Converting Colors

YUV(113.2910, -55.8525,
-99.3562)

Have a look what the booklet for
YUV(113.2910, -55.8525, -99.3562)
contains.

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Color

**YUV(113.2910, -55.8525,
-99.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	00C100
RGB	0, 193, 0
RGB Percent	0%, 76%, 0%
CMY	1.0000, 0.2431, 1.0000
CMYK	1.00, 0.00, 1.00, 0.24
HSL	120°, 100%, 38%
HSV	120°, 100%, 76%
XYZ	19.0700, 38.1399, 6.3567
YIQ	113.2910, -53.0750, -100.9390

Conversions

Conversions Part 2

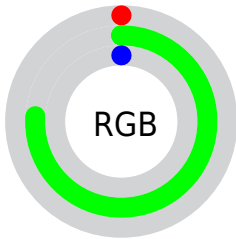
Format	Color
RYB	0, 193, 193
Decimal	49408
CIELab	68.12, -69.89, 67.45
CIELCh	68, 97.132, 136.016
Yxy	38.1399, 0.3000, 0.6000
Android (android.graphics.Color)	4278239488 (0xFF00C100)
YUV	113.2910, -55.8525, -99.3562
Hunter-Lab	61.7575, -52.9571, 37.1276

Details

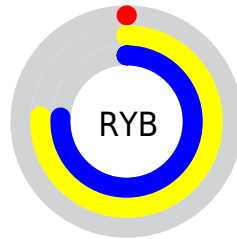
The YUV color **113.2910, -55.8525, -99.3562** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **79.7090, 55.8525, 99.3562**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8410, -53.1656, -74.4056**, and **81.0060, -39.9360, -71.0423** is the 20% darker color. If you saturate the color by 10%, you get **113.2910, -55.8525, -99.3562**, and if you desaturate by 10%, it is **121.1380, -50.3540, -89.5750**.

Distribution



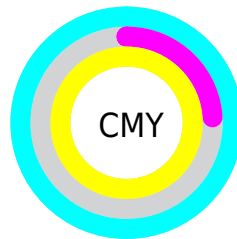
- Red (0%)
- Green (76%)
- Blue (0%)



- Red (0%)
- Yellow (76%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.2910, -55.8525, -99.3562 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 113.2910, -55.8525, -99.3562 by changing the saturation by 10% instead.


 113.2910,
-55.8525, -99.3562


 113.2910,
-55.8525, -99.3562


255.0000, 0.0000,
0.0000


 96.8550, -47.7495,
-84.9418


 186.8410,
-53.1656, -74.4056


 81.0060, -39.9360,
-71.0423


 202.3620,
-46.5205, -59.0765


 65.1570, -32.1224,
-57.1427


 214.8230,
-38.8597, -42.8178

 49.8950, -24.5982,
-43.7579

 227.2840,
-31.1990, -26.5591

 35.2200, -17.3635,
-30.8879

 239.8590,
-23.1015, -10.4003

 20.5450, -10.1287,
-18.0180

 251.2380,

 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.6580, -1.3104,
0.2999

■ 113.2910,
-55.8525, -99.3562

■ 121.1380,
-50.3540, -89.5750

■ 129.3980,
-44.5662, -79.2790

■ 137.2450,
-39.0678, -69.4979

■ 145.0920,
-33.5694, -59.7167

■ 153.3520,
-27.7815, -49.4207

■ 161.1990,
-22.2831, -39.6395

■ 169.0460,
-16.7847, -29.8583

■ 176.8930,
-11.2862, -20.0772

■ 185.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



150.8420, -74.3651, 5.4006



113.2910, -55.8525, -99.3562



131.6670, -5.7518, -115.4720

Triad

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



113.2910, -55.8525, -99.3562



139.4260, 56.9780, -122.2766



116.7960, 3.5516, 121.2049

Complementary

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



113.2910, -55.8525, -99.3562



79.7090, 55.8525, 99.3562

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.



133.1710, 38.3697, 106.8440



113.2910, -55.8525, -99.3562



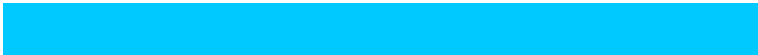
123.5770, 64.7915, -108.3770

Square

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



113.2910, -55.8525, -99.3562



147.0570, 53.2159, -128.9690



164.4370, 44.6476, 53.1138



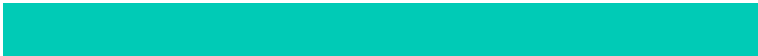
140.1090, -51.8187, 100.7594

Rectangle

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



113.2910, -55.8525, -99.3562



139.9090, 20.7509, -122.7002



164.4370, 44.6476, 53.1138



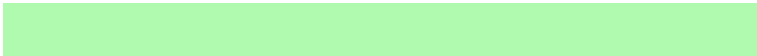
113.5310, 18.9652, 124.0683

Sweetspot

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



113.2910, -55.8525, -99.3562



219.0250, -21.7043, -38.6099



170.9980, -84.3020, 19.2958



106.4150, -13.0226, -23.1660



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



113.2910, -55.8525, -99.3562



146.7500, -72.3478, -128.6997



124.3490, -13.4831, -109.0541



92.8700, -2.8939, -5.1480



94.5070, -46.5920, -82.8826



19.3710, -9.5499, -16.9884

Inverse Universe

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



79.7090, 55.8525, 99.3562



103.2500, 72.3478, 128.6997



68.7650, 13.9199, 108.9541



91.1300, 2.8939, 5.1480



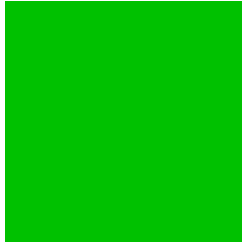
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 113.2910, -55.8525, -99.3562 looks on a white background.

Color Contrast Check

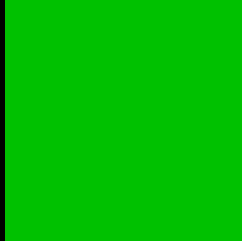
Large Text (above 18pt) WCAG AA × Fail

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 113.2910, -55.8525, -99.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

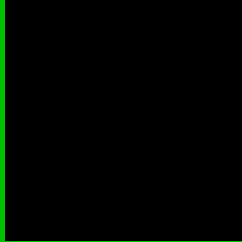
Any Text WCAG AA ✓ Pass

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 113.2910, -55.8525, -99.3562 Background



This preview shows how black text looks on a background with the YUV color 113.2910, -55.8525, -99.3562.



This preview shows how white text looks on a background with the YUV color 113.2910, -55.8525, -99.3562.

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



Protanopia

152.4690, -75.1672, 29.4067

Deuteranopia

158.2530, -57.3127, 42.7511

Tritanopia

151.4080, 20.9979, -61.7478

Trichromacy



Protanomaly

138.0070, -68.0375, -17.5461

Deuteranomaly

141.7490, -56.5713, -8.5499

Tritanomaly

137.5780, -7.1870, -75.0519

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0900, -20.2574, -36.0359

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2910, -55.8525, -99.3562 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(0, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 0)  
}
```

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(0, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 0) }
```

Border

The CSS property to change the border of an element to YUV 113.2910, -55.8525, -99.3562 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(0, 193, 0) }
```

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

```
.border{ border-color:rgb(0, 193, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 193, 0); box-shadow:4px  
4px 4px 4px rgb(0, 193, 0) }
```


Background

The CSS property to change the background color of an element to YUV 113.2910, -55.8525, -99.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 0) }
```

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

```
.background{ background-color: rgb(0, 193,  
0) }
```

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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