

Converting Colors

YUV(142.5510, -50.0646,
-89.0602)

Have a look what the booklet for
YUV(142.5510, -50.0646, -89.0602)
contains.

YUV(142.5510, -50.0646, -89.0602)	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(142.5510, -50.0646,
-89.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	29D629
RGB	41, 214, 41
RGB Percent	16%, 84%, 16%
CMY	0.8392, 0.1608, 0.8392
CMYK	0.81, 0.00, 0.81, 0.16
HSL	120°, 68%, 50%
HSV	120°, 81%, 84%
XYZ	25.3613, 48.7246, 10.1659
YIQ	142.5510, -47.5750, -90.4790

Conversions

Conversions Part 2

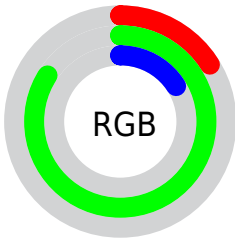
Format	Color
RYB	41, 214, 214
Decimal	2741801
CIELab	75.28, -71.55, 66.65
CIELCh	75, 97.783, 137.033
Yxy	48.7246, 0.3010, 0.5783
Android (android.graphics.Color)	4280931881 (0xFF29D629)
YUV	142.5510, -50.0646, -89.0602
Hunter-Lab	69.8030, -57.3016, 40.2273

Details

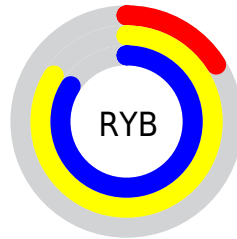
The YUV color **142.5510, -50.0646, -89.0602** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **112.4490, 50.0646, 89.0602**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7800, -47.2195, -68.2131**, and **92.7460, -45.7238, -81.3382** is the 20% darker color. If you saturate the color by 10%, you get **133.8780, -56.1419, -99.8710**, and if you desaturate by 10%, it is **151.2240, -43.9874, -78.2494**.

Distribution



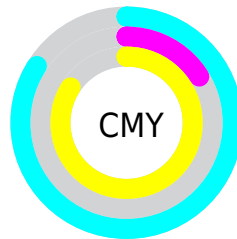
- Red (16%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (81%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5510, -50.0646, -89.0602 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 142.5510, -50.0646, -89.0602 by changing the saturation by 10% instead.

■ 142.5510,
-50.0646, -89.0602

■ 142.5510,
-50.0646, -89.0602

■ 255.0000, 0.0000,
0.0000

■ 108.5950,
-53.5373, -95.2378

■ 196.7800,
-47.2195, -68.2131

■ 92.7460, -45.7238,
-81.3382

■ 209.6540,
-39.2694, -51.4396

■ 76.3100, -37.6208,
-66.9239

■ 222.4140,
-31.7561, -34.5661

■ 61.0480, -30.0967,
-53.5391

■ 234.9890,
-23.6586, -18.4074

■ 45.7860, -22.5725,
-40.1543

■ 247.5640,
-15.5611, -2.2486

■ 31.6980, -15.6271,
-27.7991

■ 253.8600, -4.3680,

■ 15.8490, -7.8136,

0.9998

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 142.5510,
-50.0646, -89.0602

■ 142.5510,
-50.0646, -89.0602

■ 133.8780,
-56.1419, -99.8710

■ 151.2240,
-43.9874, -78.2494

■ 125.6180,
-61.9297, -110.1670

■ 160.3100,
-37.6208, -66.9239

■ 168.9830,
-31.5436, -56.1131

■ 178.0690,
-25.1770, -44.7875

■ 186.7420,
-19.0998, -33.9767

■ 195.4150,
-13.0226, -23.1660

■ 204.5010, -6.6560,
-11.8404

■ 213.1740, -0.5788,
-1.0296

■ 222.2600, 5.7878,
10.2960

Harmonies

Analogous

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



167.9640, -82.8063, 6.1706



142.5510, -50.0646, -89.0602



146.5020, -2.2195, -128.4823

Triad

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



142.5510, -50.0646, -89.0602



150.5790, 51.4796, -132.0578



137.8770, 0.5536, 102.7169

Complementary

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



142.5510, -50.0646, -89.0602



112.4490, 50.0646, 89.0602

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.



150.9580, 37.9817, 91.2448



142.5510, -50.0646, -89.0602



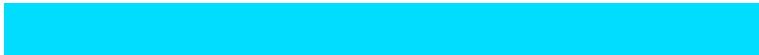
149.0930, 52.2122, -86.9046

Square

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



142.5510, -50.0646, -89.0602



158.7970, 47.4281, -139.2650



182.7770, 35.6059, 59.8316



154.8470, -51.1966, 87.8342

Rectangle

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



142.5510, -50.0646, -89.0602



155.4450, 24.4306, -136.3253



182.7770, 35.6059, 59.8316



136.4870, 15.5359, 103.9359

Sweetspot

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



142.5510, -50.0646, -89.0602



229.8070, -17.6529, -31.4027



194.2780, -75.5661, 17.2962



112.7190, -10.7075, -19.0476



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.



142.5510, -50.0646, -89.0602



152.9890, -71.4796, -127.1554



152.3550, -12.5000, -97.6583



102.4570, -3.1833, -5.6628



100.3770, -49.4859, -88.0306



25.2410, -12.4438, -22.1364

Inverse Universe

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



112.4490, 50.0646, 89.0602



110.0110, 71.4796, 127.1554



102.5310, 12.0632, 97.7583



100.5430, 3.1833, 5.6628



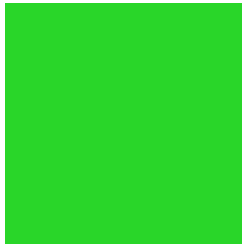
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 142.5510, -50.0646, -89.0602 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 142.5510, -50.0646, -89.0602 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 142.5510, -50.0646, -89.0602 Background



This preview shows how black text looks on a background with the YUV color 142.5510, -50.0646, -89.0602.



This preview shows how white text looks on a background with the YUV color 142.5510, -50.0646, -89.0602.

-89.0602.

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

142.5510, -50.0646, -89.0602

Protanopia

173.6630, -69.3469, 29.2365

Deuteranopia

177.7480, -58.0498, 45.8250



Tritanopia

170.0270, 22.1717, -64.9217

Trichromacy



Original Color

142.5510, -50.0646, -89.0602



Protanomaly

162.5220, -62.3753, -13.6128



Deuteranomaly

165.1240, -55.2771, -3.6167



Tritanomaly

159.8000, -3.8454, -73.4926

Monochromacy



Original Color

142.5510, -50.0646, -89.0602



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.9810, -18.2316, -32.4323

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5510, -50.0646, -89.0602 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, 214, 41)` looks like.

```
.text, #text, p{  
    color:rgb(41, 214, 41)  
}
```

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, 214, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 214, 41) }
```

Border

The CSS property to change the border of an element to YUV 142.5510, -50.0646, -89.0602 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, 214, 41) }
```


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

```
.border{ border-color:rgb(41, 214, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 214, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 214, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 214, 41);  
box-shadow:4px 4px 4px 4px rgb(41, 214,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 142.5510, -50.0646, -89.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 214, 41) }
```

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

```
.background{ background-color: rgb(41, 214,  
41) }
```

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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