

Converting Colors

YUV(173.5850, -41.7004,
-111.8920)

Have a look what the booklet for
YUV(173.5850, -41.7004, -111.8920)
contains.

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Color

**YUV(173.5850, -41.7004,
-111.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	2EFF59
RGB	46, 255, 89
RGB Percent	18%, 100%, 35%
CMY	0.8196, 0.0000, 0.6510
CMYK	0.82, 0.00, 0.65, 0.00
HSL	132°, 100%, 59%
HSV	132°, 82%, 100%
XYZ	38.6899, 72.8221, 21.4681
YIQ	173.5850, -71.2780, -95.9340

Conversions

Conversions Part 2

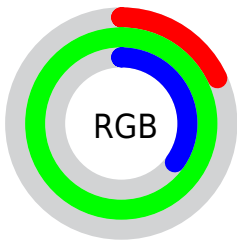
Format	Color
RYB	46, 219, 255
Decimal	3080025
CIELab	88.36, -79.28, 63.53
CIELCh	88, 101.595, 141.294
Yxy	72.8221, 0.2909, 0.5476
Android (android.graphics.Color)	4281270105 (0xFF2EFF59)
YUV	173.5850, -41.7004, -111.8920
Hunter-Lab	85.3359, -68.4088, 44.8194

Details

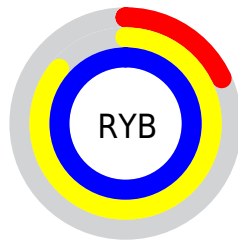
The YUV color **173.5850, -41.7004, -111.8920** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **127.4150, 41.7004, 111.8920**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7860, -29.4745, -66.4643**, and **118.6030, -45.6533, -104.0148** is the 20% darker color. If you saturate the color by 10%, you get **163.8300, -46.7512, -125.2619**, and if you desaturate by 10%, it is **183.6390, -36.7970, -97.9074**.

Distribution



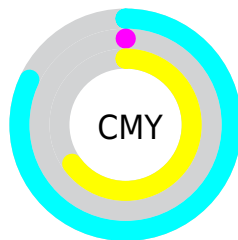
- Red (18%)
- Green (100%)
- Blue (35%)



- Red (18%)
- Yellow (86%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5850, -41.7004, -111.8920 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 173.5850, -41.7004, -111.8920 by changing the saturation by 10% instead.

■ 173.5850,
-41.7004, -111.8920

■ 173.5850,
-41.7004, -111.8920

255.0000, 0.0000,
0.0000

■ 138.9150,
-38.9051, -121.8285

■ 204.7860,
-29.4745, -66.4643

■ 118.6030,
-45.6533, -104.0148

■ 218.1440,
-22.2560, -48.3613

■ 98.6160, -48.6177,
-86.4862

■ 231.3170,
-14.4533, -30.9730

■ 82.1800, -40.5147,
-72.0719

■ 244.1910, -6.5032,
-14.1995

■ 66.3310, -32.7012,
-58.1723

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 173.5850,
-41.7004, -111.8920

■ 173.5850,
-41.7004, -111.8920

■ 163.8300,
-46.7512, -125.2619

■ 183.6390,
-36.7970, -97.9074

■ 155.6130,
-51.0812, -136.4726

■ 193.5080,
-31.3094, -84.6375

■ 203.5620,
-26.4061, -70.6529

■ 213.3170,
-21.3553, -57.2830

■ 223.3710,
-16.4519, -43.2984

■ 233.2400,
-10.9643, -30.0285

■ 243.2940, -6.0609,
-16.0438

■ 253.0490, -1.0102,
-2.6740

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



198.6200, -97.9197, 0.3333



173.5850, -41.7004, -111.8920



171.2310, 8.7601, -150.1696

Triad

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



173.5850, -41.7004, -111.8920



171.1240, 41.3509, -150.0757



165.8710, -3.8804, 78.1661

Complementary

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



173.5850, -41.7004, -111.8920



127.4150, 41.7004, 111.8920

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.



174.4670, 39.2098, 70.6274



173.5850, -41.7004, -111.8920



196.9130, 28.6369, -38.5117

Square

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



173.5850, -41.7004, -111.8920



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



180.7380, -56.0728, 65.1278

Rectangle

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



173.5850, -41.7004, -111.8920



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



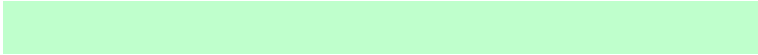
164.7090, 11.9755, 79.1852

Sweetspot

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



173.5850, -41.7004, -111.8920



230.0500, -12.8426, -34.2468



218.6160, -85.0997, -4.9252



112.8050, -7.7919, -20.8770



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.



173.5850, -41.7004, -111.8920



157.6780, -49.6343, -133.8986



185.3270, 3.2898, -122.1898



122.8590, -2.8885, -6.8923



116.5630, -38.2386, -102.2258



39.0500, -12.8426, -34.2468

Inverse Universe

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



127.4150, 41.7004, 111.8920



102.4360, 50.0711, 133.7986



115.6730, -3.2898, 122.1898



120.0270, 2.4517, 6.9923



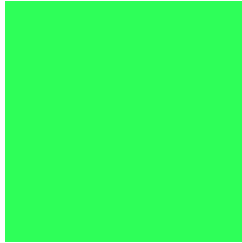
74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 173.5850, -41.7004, -111.8920 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 173.5850, -41.7004, -111.8920 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 173.5850, -41.7004, -111.8920 Background



This preview shows how black text looks on a background with the YUV color 173.5850, -41.7004, -111.8920.

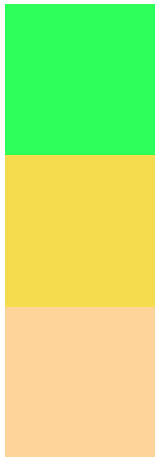


This preview shows how white text looks on a background with the YUV color 173.5850, -41.7004, -111.8920.

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

173.5850, -41.7004, -111.8920

Protanopia

211.4010, -65.2737, 29.4663

Deuteranopia

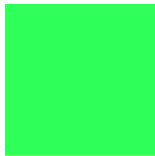
218.3590, -31.2360, 32.1342



Tritanopia

205.2650, 24.5194, -71.2694

Trichromacy



Original Color

173.5850, -41.7004, -111.8920



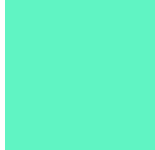
Protanomaly

197.9600, -56.6753, -21.8899



Deuteranomaly

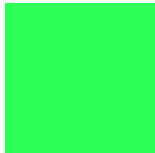
202.2910, -35.1465, -20.4262



Tritanomaly

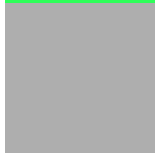
194.1620, 0.4131, -86.0881

Monochromacy



Original Color

173.5850, -41.7004, -111.8920



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.4360, -15.0049, -40.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5850, -41.7004, -111.8920 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(46, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 89)  
}
```

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(46, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 89) }
```

Border

The CSS property to change the border of an element to YUV 173.5850, -41.7004, -111.8920 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(46, 255, 89) }
```


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

```
.border{ border-color:rgb(46, 255, 89) }
```

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

Here you see how a box with a 4 pixel rgb(46, 255, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 173.5850, -41.7004, -111.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 255, 89) }
```

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

```
.background{ background-color: rgb(46, 255,  
89) }
```

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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