

Converting Colors

YUV(167.7900, -49.1965,
-87.5158)

Have a look what the booklet for
YUV(167.7900, -49.1965, -87.5158)
contains.

YUV(167.7900, -49.1965, -87.5158)	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(167.7900, -49.1965,
-87.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	44EE44
RGB	68, 238, 68
RGB Percent	27%, 93%, 27%
CMY	0.7333, 0.0667, 0.7333
CMYK	0.71, 0.00, 0.71, 0.07
HSL	120°, 83%, 60%
HSV	120°, 71%, 93%
XYZ	34.0018, 62.7954, 15.7975
YIQ	167.7900, -46.7500, -88.9100

Conversions

Conversions Part 2

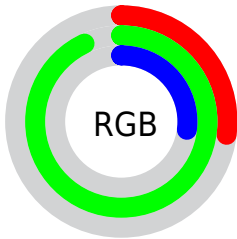
Format	Color
RYB	68, 238, 238
Decimal	4517444
CIELab	83.33, -73.22, 66.17
CIELCh	83, 98.695, 137.895
Yxy	62.7954, 0.3020, 0.5577
Android (android.graphics.Color)	4282707524 (0xFF44EE44)
YUV	167.7900, -49.1965, -87.5158
Hunter-Lab	79.2435, -62.0854, 43.6508

Details

The YUV color **167.7900, -49.1965, -87.5158** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **138.2100, 49.1965, 87.5158**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4960, -39.6845, -58.3170**, and **105.6600, -52.0904, -92.6638** is the 20% darker color. If you saturate the color by 10%, you get **157.8780, -56.1419, -99.8710**, and if you desaturate by 10%, it is **177.7020, -42.2511, -75.1607**.

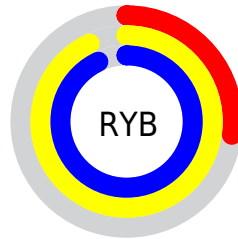
Distribution



Red (27%)

Green (93%)

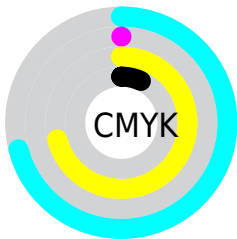
Blue (27%)



Red (27%)

Yellow (93%)

Blue (93%)

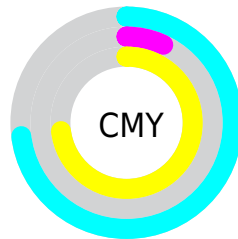


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (7%)



Cyan (73%)

Magenta (7%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7900, -49.1965, -87.5158 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 167.7900, -49.1965, -87.5158 by changing the saturation by 10% instead.

167.7900,
-49.1965, -87.5158

167.7900,
-49.1965, -87.5158

255.0000, 0.0000,
0.0000

126.6730,
-45.1948, -111.0922

205.4960,
-39.6845, -58.3170

105.6600,
-52.0904, -92.6638

218.2560,
-32.1712, -41.4435

89.8110, -44.2768,
-78.7642

230.8310,
-24.0737, -25.2848

73.3750, -36.1739,
-64.3499

243.7050,
-16.1236, -8.5113

58.1130, -28.6497,
-50.9651

253.2900, -6.5520,
1.4997

42.8510, -21.1255,
-37.5803

28.7630, -14.1802,

-25.2252

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 167.7900,
-49.1965, -87.5158

■ 167.7900,
-49.1965, -87.5158

■ 157.8780,
-56.1419, -99.8710

■ 177.7020,
-42.2511, -75.1607

■ 147.9660,
-63.0872, -112.2262

■ 187.6140,
-35.3057, -62.8055

■ 139.7060,
-68.8751, -122.5222

■ 197.1130,
-28.6497, -50.9651

■ 207.0250,
-21.7043, -38.6099

■ 216.9370,
-14.7589, -26.2547

■ 226.8490, -7.8136,
-13.8996

■ 236.7610, -0.8682,
-1.5444

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



187.7440, -92.5578, 7.2405



167.7900, -49.1965, -87.5158



163.7990, 0.5921, -143.6517

Triad

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



167.7900, -49.1965, -87.5158



164.0800, 44.8236, -143.8982



156.3650, 0.3131, 86.5029

Complementary

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



167.7900, -49.1965, -87.5158



138.2100, 49.1965, 87.5158

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.



168.6140, 39.6303, 75.7605



167.7900, -49.1965, -87.5158



177.5770, 38.1695, -62.7730

Square

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



167.7900, -49.1965, -87.5158



172.8850, 40.4827, -151.6201



195.7130, 29.2285, 51.9947



170.2860, -50.4270, 74.2942

Rectangle

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



167.7900, -49.1965, -87.5158



172.4970, 28.8420, -151.2799



195.7130, 29.2285, 51.9947



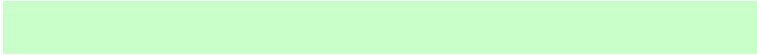
156.2630, 15.1533, 86.5923

Sweetspot

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



167.7900, -49.1965, -87.5158



232.6980, -15.6271, -27.7991



218.6200, -74.2557, 16.9963



114.7840, -9.2605, -16.4736



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.



167.7900, -49.1965, -87.5158



164.5530, -63.3766, -112.7410



177.4800, -12.0686, -96.0140



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287

Inverse Universe

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



138.2100, 49.1965, 87.5158



126.4470, 63.3766, 112.7410



128.5200, 12.0686, 96.0140



112.9560, 3.4727, 6.1776



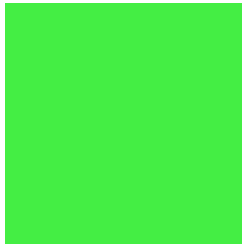
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 167.7900, -49.1965, -87.5158 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 167.7900, -49.1965, -87.5158 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 167.7900, -49.1965, -87.5158 Background



This preview shows how black text looks on a background with the YUV color 167.7900, -49.1965, -87.5158.



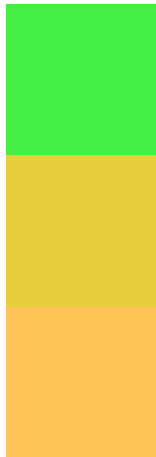
This preview shows how white text looks on a background with the YUV color 167.7900, -49.1965, -87.5158.

-87.5158.

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

167.7900, -49.1965, -87.5158

Protanopia

196.8310, -67.4577, 29.9662

Deuteranopia

201.2150, -56.3080, 47.1694



Tritanopia

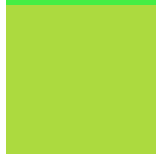
192.3580, 23.4875, -66.9660

Trichromacy



Original Color

167.7900, -49.1965, -87.5158



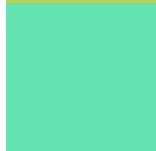
Protanomaly

186.5760, -60.9230, -12.7832



Deuteranomaly

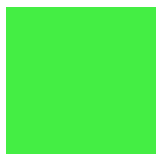
188.8900, -53.6828, -1.6575



Tritanomaly

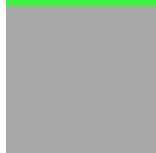
183.6150, -3.2612, -74.2074

Monochromacy



Original Color

167.7900, -49.1965, -87.5158



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8070, -17.6529, -31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7900, -49.1965, -87.5158 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(68, 238, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 238, 68)  
}
```

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(68, 238, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 238, 68) }
```

Border

The CSS property to change the border of an element to YUV 167.7900, -49.1965, -87.5158 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(68, 238, 68) }
```


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

```
.border{ border-color:rgb(68, 238, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 238, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 238, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 238, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 238,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 167.7900, -49.1965, -87.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 238, 68) }
```

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

```
.background{ background-color: rgb(68, 238,  
68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor