

Converting Colors

YUV(151.7900, -49.1965,
-87.5158)

Have a look what the booklet for
YUV(151.7900, -49.1965, -87.5158)
contains.

YUV(151.7900, -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(151.7900, -49.1965,
-87.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	34DE34
RGB	52, 222, 52
RGB Percent	20%, 87%, 20%
CMY	0.7961, 0.1294, 0.7961
CMYK	0.77, 0.00, 0.77, 0.13
HSL	120°, 72%, 54%
HSV	120°, 77%, 87%
XYZ	28.1573, 53.2205, 12.0374
YIQ	151.7900, -46.7500, -88.9100

Conversions

Conversions Part 2

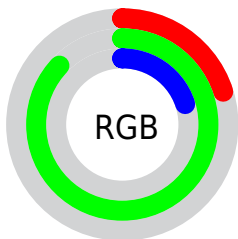
Format	Color
RYB	52, 222, 222
Decimal	3464756
CIELab	78.01, -71.88, 66.09
CIELCh	78, 97.644, 137.403
Yxy	53.2205, 0.3014, 0.5697
Android (android.graphics.Color)	4281654836 (0xFF34DE34)
YUV	151.7900, -49.1965, -87.5158
Hunter-Lab	72.9524, -58.7715, 41.2837

Details

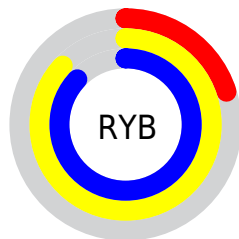
The YUV color **151.7900, -49.1965, -87.5158** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark muted green. A complement of this color would be **122.2100, 49.1965, 87.5158**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8990, -44.3202, -64.8094**, and **96.8550, -47.7495, -84.9418** is the 20% darker color. If you saturate the color by 10%, you get **142.7040, -55.5631, -98.8414**, and if you desaturate by 10%, it is **160.8760, -42.8299, -76.1903**.

Distribution



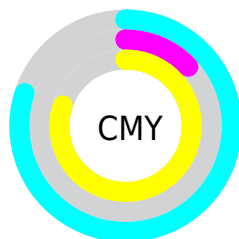
- Red (20%)
- Green (87%)
- Blue (20%)



- Red (20%)
- Yellow (87%)
- Blue (87%)



- Cyan (77%)
- Magenta (0%)
- Yellow (77%)
- Black (13%)



- Cyan (80%)
- Magenta (13%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7900, -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 151.7900, -49.1965, -87.5158 by changing the saturation by 10% instead.

■ 151.7900,
-49.1965, -87.5158

■ 151.7900,
-49.1965, -87.5158

■ 255.0000, 0.0000,
0.0000

■ 114.4310,
-51.4845, -100.3560

■ 199.8990,
-44.3202, -64.8094

■ 96.8550, -47.7495,
-84.9418

■ 212.7730,
-36.3701, -48.0359

■ 81.0060, -39.9360,
-71.0423

■ 225.5330,
-28.8568, -31.1624

■ 65.1570, -32.1224,
-57.1427

■ 238.1080,
-20.7592, -15.0037

■ 49.8950, -24.5982,
-43.7579

■ 250.6830,
-12.6617, 1.1550

■ 35.2200, -17.3635,
-30.8879

254.8860, -0.4368,

■ 20.5450, -10.1287,

0.1000

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 151.7900,
-49.1965, -87.5158

■ 151.7900,
-49.1965, -87.5158

■ 142.7040,
-55.5631, -98.8414

■ 160.8760,
-42.8299, -76.1903

■ 133.6180,
-61.9297, -110.1670


■ 169.9620,
-36.4633, -64.8647

■ 130.3140,
-64.2448, -114.2854

■ 179.4610,
-29.8073, -53.0243


■ 188.5470,
-23.4407, -41.6987

■ 197.6330,
-17.0741, -30.3731

 206.7190,
-10.7075, -19.0476

 215.8050, -4.3409,
-7.7220

 225.3040, 2.3151,
4.1184

 234.3900, 8.6817,
15.4440

Harmonies

Analogous

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



174.7530, -86.1532, 6.3556



151.7900, -49.1965, -87.5158



152.1100, -1.0402, -133.4005

Triad

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



151.7900, -49.1965, -87.5158



155.2750, 49.1644, -136.1762



145.0180, -0.0089, 96.4542

Complementary

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



151.7900, -49.1965, -87.5158



122.2100, 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.



157.6260, 38.1454, 85.3970



151.7900, -49.1965, -87.5158



160.9760, 46.3538, -74.5240

Square

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



151.7900, -49.1965, -87.5158



163.4930, 45.1130, -143.3834



188.0820, 32.9906, 58.6871



160.2270, -50.8909, 83.1159

Rectangle

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



151.7900, -49.1965, -87.5158



161.1670, 26.0467, -141.3435



188.0820, 32.9906, 58.6871



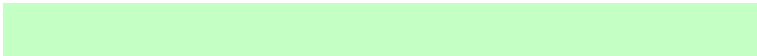
144.2150, 14.6840, 97.1584

Sweetspot

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



151.7900, -49.1965, -87.5158



230.6330, -17.0741, -30.3731



202.6200, -74.2557, 16.9963



113.1320, -10.4181, -18.5328



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.



151.7900, -49.1965, -87.5158



157.9450, -68.0069, -120.9778



161.4800, -12.0686, -96.0140



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



122.2100, 49.1965, 87.5158



117.0550, 68.0069, 120.9778



112.5200, 12.0686, 96.0140



105.5430, 3.1833, 5.6628



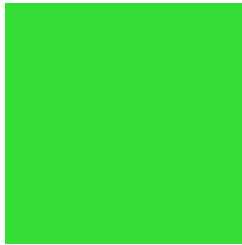
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 151.7900, -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 151.7900, -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 151.7900, -49.1965, -87.5158 Background



This preview shows how black text looks on a background with the YUV color 151.7900, -49.1965, -87.5158.



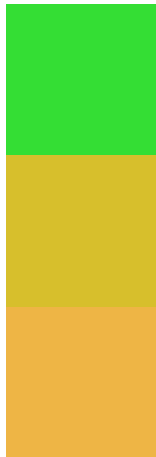
This preview shows how white text looks on a background with the YUV color 151.7900, -49.1965, -87.5158.

-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

151.7900, -49.1965, -87.5158

Protanopia

181.4180, -67.7471, 29.4514

Deuteranopia

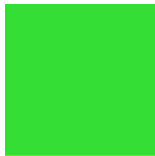
185.2750, -57.3236, 46.2398



Tritanopia

177.8420, 22.7559, -65.6364

Trichromacy



Original Color

151.7900, -49.1965, -87.5158



Protanomaly

170.5760, -60.9230, -12.7832



Deuteranomaly

173.0640, -54.2616, -2.6871



Tritanomaly

167.9140, -3.4086, -73.5926

Monochromacy



Original Color

151.7900, -49.1965, -87.5158



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.8070, -17.6529, -31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7900, -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(52, 222, 52)` looks like.

```
.text, #text, p{  
    color:rgb(52, 222, 52)  
}
```

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(52, 222, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 222, 52) }
```

Border

The CSS property to change the border of an element to YUV 151.7900, -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(52, 222, 52) }
```


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

```
.border{ border-color:rgb(52, 222, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 222, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 222, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 222, 52);  
box-shadow:4px 4px 4px 4px rgb(52, 222,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 151.7900, -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(52, 222, 52) }
```

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

```
.background{ background-color: rgb(52, 222,  
52) }
```

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