

Converting Colors

YUV(157.8250, -29.0007,
-125.2575)

Have a look what the booklet for
YUV(157.8250, -29.0007, -125.2575)
contains.

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Color

**YUV(157.8250, -29.0007,
-125.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	0FF263
RGB	15, 242, 99
RGB Percent	6%, 95%, 39%
CMY	0.9412, 0.0510, 0.6118
CMYK	0.94, 0.00, 0.59, 0.05
HSL	142°, 90%, 50%
HSV	142°, 94%, 95%
XYZ	34.2013, 64.5067, 22.4528
YIQ	157.8250, -89.3890, -92.5970

Conversions

Conversions Part 2

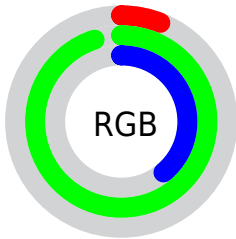
Format	Color
R _Y B	15, 181, 242
Decimal	1045091
CIE Lab	84.23, -76.39, 54.65
CIE LCh	84, 93.922, 144.419
Yxy	64.5067, 0.2823, 0.5324
Android (android.graphics.Color)	4279235171 (0xFF0FF263)
YUV	157.8250, -29.0007, -125.2575
Hunter-Lab	80.3160, -64.5418, 39.6464

Details

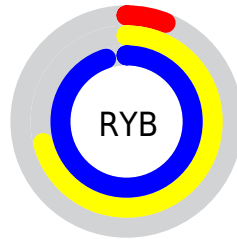
The YUV color **157.8250, -29.0007, -125.2575** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **99.1750, 29.0007, 125.2575**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6260, -23.4796, -75.9710**, and **113.0240, -34.0288, -99.1220** is the 20% darker color. If you saturate the color by 10%, you get **152.3140, -30.7208, -133.5794**, and if you desaturate by 10%, it is **166.7110, -25.9865, -112.0025**.

Distribution



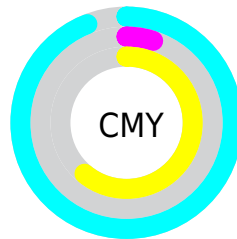
- Red (6%)
- Green (95%)
- Blue (39%)



- Red (6%)
- Yellow (71%)
- Blue (95%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)
- Black (5%)



- Cyan (94%)
- Magenta (5%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8250, -29.0007, -125.2575 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 157.8250, -29.0007, -125.2575 by changing the saturation by 10% instead.

157.8250,
-29.0007, -125.2575

157.8250,
-29.0007, -125.2575

255.0000, 0.0000,
0.0000

133.2390,
-30.1908, -116.8506

201.6260,
-23.4796, -75.9710

113.0240,
-34.0288, -99.1220

214.9840,
-16.2611, -57.8680

92.2560, -42.5242,
-80.9085

228.0430, -8.8952,
-40.3797

75.7230, -37.3314,
-66.4091

240.9170, -0.9451,
-23.6062

59.8740, -29.5179,
-52.5095

252.3090, 1.3267,
-5.5330

44.6120, -21.9937,
-39.1247

29.9370, -14.7589,

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 157.8250,
-29.0007, -125.2575

■ 157.8250,
-29.0007, -125.2575

■ 152.3140,
-30.7208, -133.5794

■ 166.7110,
-25.9865, -112.0025

■ 175.5970,
-22.9723, -98.7476

■ 184.8960,
-19.6687, -84.9778

■ 193.7820,
-16.6545, -71.7228

■ 202.6680,
-13.6403, -58.4678

■ 211.5540,
-10.6261, -45.2129

■ 220.5540, -7.1751,
-32.0579

■ 229.7390, -4.3083,
-18.1881

■ 238.6250, -1.2941,
-4.9331

Harmonies

Analogous

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



187.3680, -92.3724, -5.5847



157.8250, -29.0007, -125.2575



167.8230, 10.9333, -147.1808

Triad

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



157.8250, -29.0007, -125.2575



161.7320, 45.9811, -141.8390



165.3350, -11.0112, 78.6362

Complementary

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



157.8250, -29.0007, -125.2575



99.1750, 29.0007, 125.2575

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.



170.6710, 29.7422, 73.9565



157.8250, -29.0007, -125.2575



194.3760, 29.8876, -19.6238

Square

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



157.8250, -29.0007, -125.2575



172.2980, 40.7721, -151.1053



193.9520, 30.0967, 53.5391



178.8800, -58.1148, 66.7572

Rectangle

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



157.8250, -29.0007, -125.2575



176.0650, 37.4360, -154.4090



193.9520, 30.0967, 53.5391



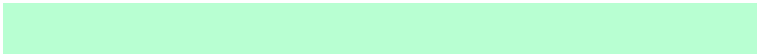
163.8310, 3.5343, 79.9552

Sweetspot

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



157.8250, -29.0007, -125.2575



228.6410, -9.1900, -39.1502



191.3050, -86.9184, -28.3315



111.6520, -5.7444, -24.2508



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.



157.8250, -29.0007, -125.2575



160.4010, -32.7357, -140.6717



170.7070, 20.3574, -136.5550



115.5000, -1.7255, -6.5775



115.7600, -23.5457, -101.5215



35.2660, -7.0331, -30.9283

Inverse Universe

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



99.1750, 29.0007, 125.2575



94.5990, 32.7357, 140.6717



86.2930, -20.3574, 136.5550



112.3860, 1.2887, 6.6775



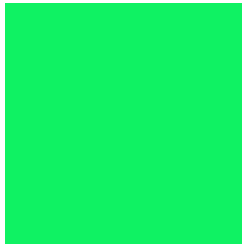
68.2400, 23.5457, 101.5215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 157.8250, -29.0007, -125.2575 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 157.8250, -29.0007, -125.2575 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 157.8250, -29.0007, -125.2575 Background



This preview shows how black text looks on a background with the YUV color 157.8250, -29.0007, -125.2575.



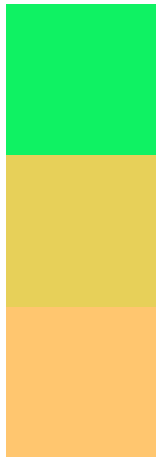
This preview shows how white text looks on a background with the YUV color 157.8250, -29.0007, -125.2575.

-125.2575.

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

157.8250, -29.0007, -125.2575

Protanopia

201.3110, -55.3693, 26.0373

Deuteranopia

205.1250, -46.4036, 43.7404



Tritanopia

190.1820, 27.0253, -81.7206

Trichromacy



Original Color

157.8250, -29.0007, -125.2575



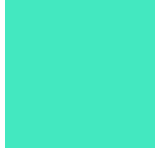
Protanomaly

185.1900, -45.4497, -29.1076



Deuteranomaly

188.0480, -39.9567, -17.5821



Tritanomaly

178.1050, 6.8502, -97.4391

Monochromacy



Original Color

157.8250, -29.0007, -125.2575



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.2550, -10.4787, -45.8276

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8250, -29.0007, -125.2575 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(15, 242, 99)` looks like.

```
.text, #text, p{  
    color:rgb(15, 242, 99)  
}
```

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(15, 242, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 242, 99) }
```

Border

The CSS property to change the border of an element to YUV 157.8250, -29.0007, -125.2575 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(15, 242, 99) }
```


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

```
.border{ border-color:rgb(15, 242, 99) }
```

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

Here you see how a box with a 4 pixel rgb(15, 242, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 242, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 242, 99);  
box-shadow:4px 4px 4px 4px rgb(15, 242,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 157.8250, -29.0007, -125.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 242, 99) }
```

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

```
.background{ background-color: rgb(15, 242,  
99) }
```

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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