

Converting Colors

YUV(167.2340, -76.0374,
-65.1032)

Have a look what the booklet for
YUV(167.2340, -76.0374, -65.1032)
contains.

YUV(167.2340, -76.0374, -65.1032)	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>	30

Color

**YUV(167.2340, -76.0374,
-65.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	5DEB0D
RGB	93, 235, 13
RGB Percent	36%, 92%, 5%
CMY	0.6353, 0.0784, 0.9490
CMYK	0.60, 0.00, 0.94, 0.08
HSL	98°, 90%, 49%
HSV	98°, 94%, 92%
XYZ	34.2952, 61.7729, 10.4966
YIQ	167.2340, -13.3700, -99.1460

Conversions

Conversions Part 2

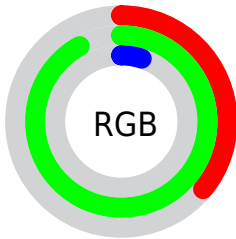
Format	Color
RYB	13, 235, 155
Decimal	6155021
CIELab	82.79, -69.87, 78.63
CIELCh	83, 105.185, 131.625
Yxy	61.7729, 0.3218, 0.5797
Android (android.graphics.Color)	4284345101 (0xFF5DEB0D)
YUV	167.2340, -76.0374, -65.1032
Hunter-Lab	78.5957, -59.6542, 47.0987

Details

The YUV color **167.2340, -76.0374, -65.1032** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **80.7660, 76.0374, 65.1032**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4150, -56.8996, -43.3370**, and **104.4860, -51.5116, -91.6342** is the 20% darker color. If you saturate the color by 10%, you get **163.3600, -80.5365, -68.7217**, and if you desaturate by 10%, it is **174.4550, -67.7653, -58.2810**.

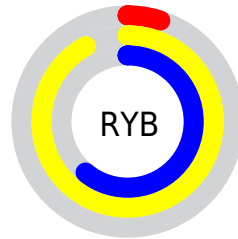
Distribution



Red (36%)

Green (92%)

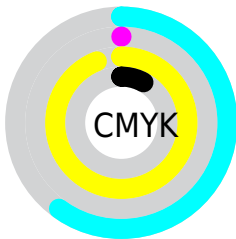
Blue (5%)



Red (5%)

Yellow (92%)

Blue (61%)

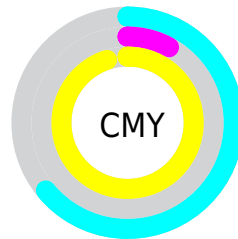


Cyan (60%)

Magenta (0%)

Yellow (94%)

Black (8%)



Cyan (64%)

Magenta (8%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.2340, -76.0374, -65.1032 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 167.2340, -76.0374, -65.1032 by changing the saturation by 10% instead.

■ 167.2340,
-76.0374, -65.1032

■ 167.2340,
-76.0374, -65.1032

■ 255.0000, 0.0000,
0.0000

■ 137.0680,
-67.5745, -72.8506

■ 207.4150,
-56.8996, -43.3370

■ 104.4860,
-51.5116, -91.6342

■ 220.1040,
-48.3653, -27.2782

■ 88.0500, -43.4087,
-77.2198

■ 232.9780,
-40.4152, -10.5047

■ 72.2010, -35.5951,
-63.3203

■ 245.5530,
-32.3176, 5.6540

■ 56.9390, -28.0709,
-49.9355

■ 249.8700,
-19.6559, 4.4990

■ 41.6770, -20.5468,
-36.5507

■ 253.2900, -6.5520,

■ 27.5890, -13.6014,

1.4997

-24.1956

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 167.2340,
-76.0374, -65.1032

■ 167.2340,
-76.0374, -65.1032

■ 163.3600,
-80.5365, -68.7217

■ 174.4550,
-67.7653, -58.2810

■ 181.5620,
-59.9301, -51.3589

■ 188.7830,
-51.6580, -44.5367

■ 195.8900,
-43.8228, -37.6145

■ 203.1110,
-35.5507, -30.7923

■ 210.2180,
-27.7155, -23.8702

■ 217.4390,
-19.4434, -17.0480

■ 224.5460,
-11.6082, -10.1258

■ 231.7670, -3.3361,
-3.3037

Harmonies

Analogous

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



189.3050, -93.3274, 20.7805



167.2340, -76.0374, -65.1032



160.2480, -10.4753, -140.5375

Triad

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



167.2340, -76.0374, -65.1032



166.4280, 43.6660, -145.9574



145.1610, 13.2316, 96.3288

Complementary

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



167.2340, -76.0374, -65.1032



80.7660, 76.0374, 65.1032

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.



165.7760, 43.9874, 78.2494



167.2340, -76.0374, -65.1032



149.9920, 51.7689, -131.5430

Square

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



167.2340, -76.0374, -65.1032



174.0590, 39.9039, -152.6497



198.6480, 27.7815, 49.4207



160.7460, -41.2868, 82.6608

Rectangle

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



167.2340, -76.0374, -65.1032



169.9890, 19.2324, -149.0804



198.6480, 27.7815, 49.4207



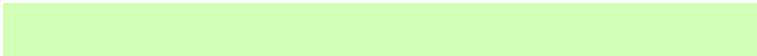
147.1620, 28.5141, 94.5739

Sweetspot

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



167.2340, -76.0374, -65.1032



233.1520, -24.2319, -21.1813



162.1450, -73.5285, 63.8938



114.6120, -15.0917, -12.8147



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.



167.2340, -76.0374, -65.1032



177.1930, -87.3561, -74.7143



146.7340, -51.1409, -117.2847



113.6530, -3.7729, -3.2037



125.6820, -61.9612, -53.2181



37.3790, -18.4278, -16.1184

Inverse Universe

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



80.7660, 76.0374, 65.1032



77.8070, 87.3561, 74.7143



101.2660, 51.1409, 117.2847



109.3470, 3.7729, 3.2037



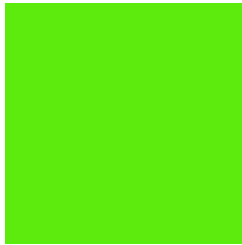
55.3180, 61.9612, 53.2181



16.3220, 18.5753, 15.5036

Previews

White Background



This preview shows how the YUV color 167.2340, -76.0374, -65.1032 looks on a white background.

Color Contrast Check

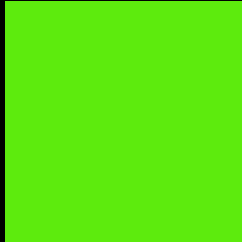
Large Text (above 18pt) WCAG AA × Fail

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 167.2340, -76.0374, -65.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

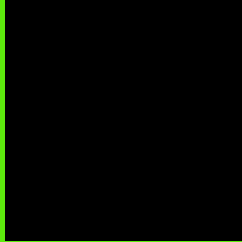
Any Text WCAG AA ✓ Pass

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 167.2340, -76.0374, -65.1032 Background



This preview shows how black text looks on a background with the YUV color 167.2340, -76.0374, -65.1032.

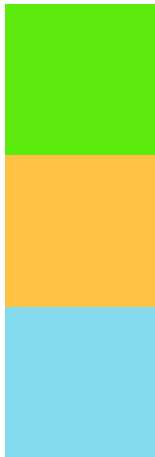


This preview shows how white text looks on a background with the YUV color 167.2340, -76.0374, -65.1032.

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

167.2340, -76.0374, -65.1032

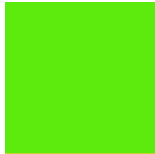
Deuteranopia

197.7610, -64.4652, 50.1986

Tritanopia

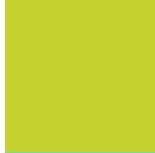
194.0390, 20.6868, -55.2852

Trichromacy



Original Color

167.2340, -76.0374, -65.1032



Deuteranomaly

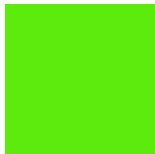
186.6450, -68.8450, 8.2043



Tritanomaly

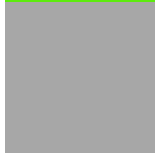
184.1410, -14.3665, -58.8827

Monochromacy



Original Color

167.2340, -76.0374, -65.1032



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.2180, -27.7155, -23.8702

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.2340, -76.0374, -65.1032 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(93, 235, 13)` looks like.

```
.text, #text, p{  
    color:rgb(93, 235, 13)  
}
```

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(93, 235, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 235, 13) }
```

Border

The CSS property to change the border of an element to YUV 167.2340, -76.0374, -65.1032 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(93, 235, 13) }
```

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

```
.border{ border-color:rgb(93, 235, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 235, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 235, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 235, 13);  
box-shadow:4px 4px 4px 4px rgb(93, 235,  
13) }
```


Background

The CSS property to change the background color of an element to YUV 167.2340, -76.0374, -65.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 235, 13) }
```

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

```
.background{ background-color: rgb(93, 235,  
13) }
```

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