

Converting Colors

YUV(164.0960, -60.1933,
-107.0782)

Have a look what the booklet for
YUV(164.0960, -60.1933, -107.0782)
contains.

YUV(164.0960, -60.1933, -107.0782)	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(164.0960, -60.1933,
-107.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	2AFA2A
RGB	42, 250, 42
RGB Percent	16%, 98%, 16%
CMY	0.8353, 0.0196, 0.8353
CMYK	0.83, 0.00, 0.83, 0.02
HSL	120°, 95%, 57%
HSV	120°, 83%, 98%
XYZ	35.5584, 69.0306, 13.6406
YIQ	164.0960, -57.2000, -108.7840

Conversions

Conversions Part 2

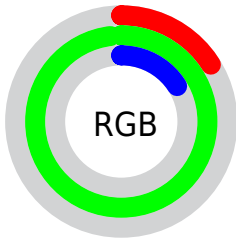
Format	Color
R _Y B	42, 250, 250
Decimal	2816554
CIE Lab	86.52, -81.62, 76.68
CIE LCh	87, 111.988, 136.784
Yxy	69.0306, 0.3008, 0.5839
Android (android.graphics.Color)	4281006634 (0xFF2AFA2A)
YUV	164.0960, -60.1933, -107.0782
Hunter-Lab	83.0847, -69.0042, 48.4252

Details

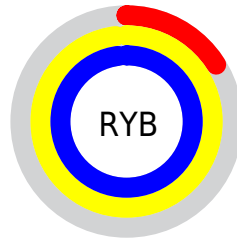
The YUV color **164.0960, -60.1933, -107.0782** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **127.9040, 60.1933, 107.0782**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1550, -45.9254, -63.2799**, and **112.7040, -55.5631, -98.8414** is the 20% darker color. If you saturate the color by 10%, you get **153.7710, -67.4281, -119.9482**, and if you desaturate by 10%, it is **174.4210, -52.9586, -94.2082**.

Distribution



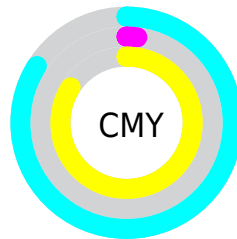
- Red (16%)
- Green (98%)
- Blue (16%)



- Red (16%)
- Yellow (98%)
- Blue (98%)



- Cyan (83%)
- Magenta (0%)
- Yellow (83%)
- Black (2%)



- Cyan (84%)
- Magenta (2%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0960, -60.1933, -107.0782 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 164.0960, -60.1933, -107.0782 by changing the saturation by 10% instead.

164.0960,
-60.1933, -107.0782

164.0960,
-60.1933, -107.0782

255.0000, 0.0000,
0.0000

129.7270,
-63.9554, -113.7706

200.1550,
-45.9254, -63.2799

112.7040,
-55.5631, -98.8414

213.7410,
-37.8333, -45.3769

95.6810, -47.1707,
-83.9122

226.9140,
-30.0306, -27.9886

79.8320, -39.3572,
-70.0127

239.7880,
-22.0805, -11.2151

63.9830, -31.5436,
-56.1131

251.5800,
-13.1039, 2.9993

48.1340, -23.7301,
-42.2135

33.4590, -16.4953,

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 164.0960,
-60.1933, -107.0782

■ 164.0960,
-60.1933, -107.0782

■ 153.7710,
-67.4281, -119.9482

■ 174.4210,
-52.9586, -94.2082

■ 146.7500,
-72.3478, -128.6997

■ 184.7460,
-45.7238, -81.3382

■ 195.0710,
-38.4890, -68.4683

■ 205.3960,
-31.2542, -55.5983

■ 215.7210,
-24.0195, -42.7283

■ 226.0460,
-16.7847, -29.8583

■ 236.3710, -9.5499,
-16.9884

■ 246.6960, -2.3151,
-4.1184

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



196.3050, -96.7784, 7.6255



164.0960, -60.1933, -107.0782



168.3810, -2.1598, -147.6701

Triad

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



164.0960, -60.1933, -107.0782



171.7110, 41.0615, -150.5905



145.1950, 8.2849, 96.2990

Complementary

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



164.0960, -60.1933, -107.0782



127.9040, 60.1933, 107.0782

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.



159.9060, 46.8813, 83.3974



164.0960, -60.1933, -107.0782



160.7230, 46.4786, -114.6441

Square

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



164.0960, -60.1933, -107.0782



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799



166.2110, -53.3480, 77.8680

Rectangle

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



164.0960, -60.1933, -107.0782



176.9310, 30.6000, -155.1685



196.3000, 28.9391, 51.4799



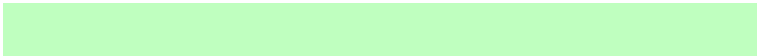
143.3150, 26.4667, 97.9477

Sweetspot

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



164.0960, -60.1933, -107.0782



228.5680, -18.5210, -32.9471



226.2880, -90.8540, 20.7954



111.8930, -11.2862, -20.0772



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.



164.0960, -60.1933, -107.0782



149.6850, -73.7947, -131.2737



175.9520, -14.7663, -117.4759



119.6310, -3.7621, -6.6924



110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027

Inverse Universe

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



127.9040, 60.1933, 107.0782



105.3150, 73.7947, 131.2737



116.0480, 14.7663, 117.4759



117.3690, 3.7621, 6.6924



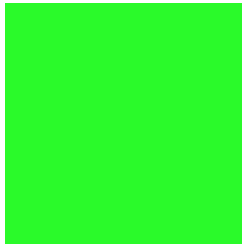
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 164.0960, -60.1933, -107.0782 looks on a white background.

Color Contrast Check

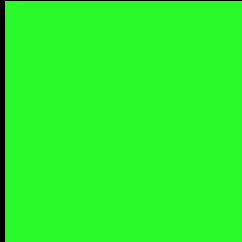
Large Text (above 18pt) WCAG AA × Fail

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 164.0960, -60.1933, -107.0782 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 164.0960, -60.1933, -107.0782 Background



This preview shows how black text looks on a background with the YUV color 164.0960, -60.1933, -107.0782.

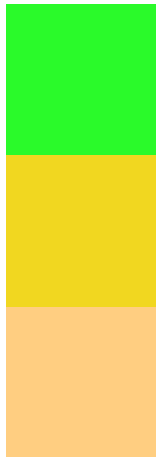


This preview shows how white text looks on a background with the YUV color 164.0960, -60.1933, -107.0782.

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

164.0960, -60.1933, -107.0782

Protanopia

201.9120, -83.7666, 34.2802

Deuteranopia

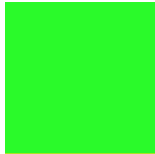
211.8730, -40.8564, 37.8224



Tritanopia

198.3890, 26.4302, -77.5172

Trichromacy



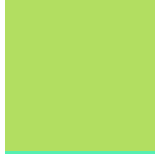
Original Color

164.0960, -60.1933, -107.0782



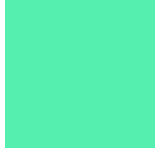
Protanomaly

188.4710, -75.1682, -17.0761



Deuteranomaly

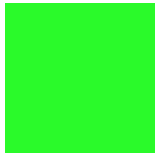
194.5940, -48.1138, -14.5529



Tritanomaly

185.7720, -4.8176, -88.3770

Monochromacy



Original Color

164.0960, -60.1933, -107.0782



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.0250, -21.7043, -38.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0960, -60.1933, -107.0782 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(42, 250, 42)` looks like.

```
.text, #text, p{  
    color:rgb(42, 250, 42)  
}
```

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(42, 250, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 250, 42) }
```

Border

The CSS property to change the border of an element to YUV 164.0960, -60.1933, -107.0782 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(42, 250, 42) }
```


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

```
.border{ border-color:rgb(42, 250, 42) }
```

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

Here you see how a box with a 4 pixel rgb(42, 250, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 250, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 250, 42);  
box-shadow:4px 4px 4px 4px rgb(42, 250,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 164.0960, -60.1933, -107.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 250, 42) }
```

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

```
.background{ background-color: rgb(42, 250,  
42) }
```

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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