

Converting Colors

YUV(127.6370, -60.4600,
-68.0876)

Have a look what the booklet for
YUV(127.6370, -60.4600, -68.0876)
contains.

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Color

**YUV(127.6370, -60.4600,
-68.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	32BF05
RGB	50, 191, 5
RGB Percent	20%, 75%, 2%
CMY	0.8039, 0.2510, 0.9804
CMYK	0.74, 0.00, 0.97, 0.25
HSL	105°, 95%, 38%
HSV	105°, 97%, 75%
XYZ	19.9736, 37.9507, 6.4161
YIQ	127.6370, -24.3300, -87.7380

Conversions

Conversions Part 2

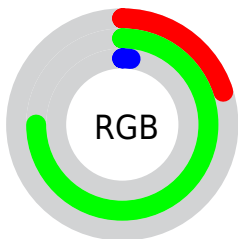
Format	Color
RYB	5, 191, 146
Decimal	3325701
CIELab	67.98, -64.74, 66.97
CIELCh	68, 93.146, 134.027
Yxy	37.9507, 0.3104, 0.5898
Android (android.graphics.Color)	4281515781 (0xFF32BF05)
YUV	127.6370, -60.4600, -68.0876
Hunter-Lab	61.6041, -49.9331, 36.9478

Details

The YUV color **127.6370, -60.4600, -68.0876** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **68.3630, 60.4600, 68.0876**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8640, -54.6560, -63.0247**, and **79.8320, -39.3572, -70.0127** is the 20% darker color. If you saturate the color by 10%, you get **125.8710, -62.0544, -70.0469**, and if you desaturate by 10%, it is **133.9890, -54.2246, -61.3804**.

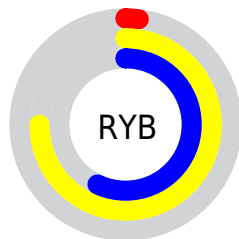
Distribution



Red (20%)

Green (75%)

Blue (2%)



Red (2%)

Yellow (75%)

Blue (57%)

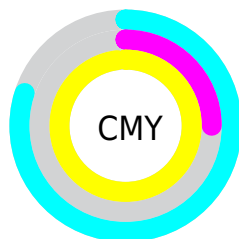


Cyan (74%)

Magenta (0%)

Yellow (97%)

Black (25%)



Cyan (80%)


Magenta (25%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.6370, -60.4600, -68.0876 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 127.6370, -60.4600, -68.0876 by changing the saturation by 10% instead.


 127.6370,
-60.4600, -68.0876


 127.6370,
-60.4600, -68.0876


255.0000, 0.0000,
0.0000


 95.6810, -47.1707,
-83.9122


 190.8640,
-54.6560, -63.0247


 79.8320, -39.3572,
-70.0127


 206.9610,
-48.2948, -49.9548


 63.9830, -31.5436,
-56.1131


 219.4220,
-40.6340, -33.6961

 49.3080, -24.3088,
-43.2431

 231.5840,
-32.8259, -18.0522

 34.6330, -17.0741,
-30.3731

 244.1590,
-24.7284, -1.8934

 20.5450, -10.1287,
-18.0180

 251.3520,

 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.7720, -0.8736,
0.2000

■ 127.6370,
-60.4600, -68.0876

■ 127.6370,
-60.4600, -68.0876

■ 125.8710,
-62.0544, -70.0469

■ 133.9890,
-54.2246, -61.3804

■ 140.6400,
-48.1365, -54.0583

■ 146.9920,
-41.9011, -47.3510

■ 153.6430,
-35.8130, -40.0289

■ 160.1090,
-29.1407, -33.4216

■ 166.7600,
-23.0527, -26.0995

■ 173.1120,
-16.8172, -19.3922

■ 179.7630,
-10.7292, -12.0702

■ 186.1150, -4.4937,
-5.3629

Harmonies

Analogous

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



151.1740, -74.5288, 11.2484



127.6370, -60.4600, -68.0876



130.0370, -6.9202, -114.0424

Triad

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



127.6370, -60.4600, -68.0876



139.4260, 56.9780, -122.2766



123.9370, 2.9891, 114.9423

Complementary

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



127.6370, -60.4600, -68.0876



68.3630, 60.4600, 68.0876

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.



141.7310, 35.6286, 99.3369



127.6370, -60.4600, -68.0876



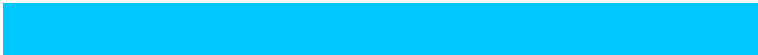
124.7510, 64.2128, -109.4066

Square

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



127.6370, -60.4600, -68.0876



146.4700, 53.5053, -128.4542



165.2680, 44.2379, 44.4920



141.5910, -46.1404, 99.4597

Rectangle

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



127.6370, -60.4600, -68.0876



138.5240, 17.9827, -121.4855



165.2680, 44.2379, 44.4920



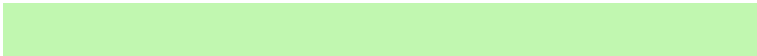
124.1940, 16.6664, 114.7169

Sweetspot

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



127.6370, -60.4600, -68.0876



222.7600, -23.0527, -26.0995



142.7940, -67.9324, 42.2767



110.1170, -14.3547, -15.8886



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.6370, -60.4600, -68.0876



162.9290, -80.3240, -90.2687



119.5400, -33.2972, -100.4516



90.8810, -2.8993, -3.4036



104.1080, -51.3252, -57.9767



20.2900, -10.0030, -11.6553

Inverse Universe

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



68.3630, 60.4600, 68.0876



84.3700, 80.1766, 90.8835



76.5740, 33.7340, 100.3516



88.1190, 2.8993, 3.4036



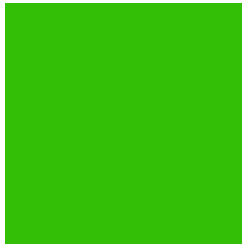
53.8920, 51.3252, 57.9767



10.4110, 10.1504, 11.0406

Previews

White Background



This preview shows how the YUV color 127.6370, -60.4600, -68.0876 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 127.6370, -60.4600, -68.0876 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 127.6370, -60.4600, -68.0876 Background



This preview shows how black text looks on a background with the YUV color 127.6370, -60.4600, -68.0876.



This preview shows how white text looks on a background with the YUV color 127.6370, -60.4600, -68.0876.

-68.0876.

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

127.6370, -60.4600, -68.0876

Protanopia

152.1700, -75.0198, 28.7919

Deuteranopia

158.1390, -57.7495, 42.8511



Tritanopia

153.8820, 18.7922, -54.2705

Trichromacy



Original Color

127.6370, -60.4600, -68.0876



Protanomaly

143.0300, -69.5278, -6.1653



Deuteranomaly

147.2450, -58.7878, 2.4161



Tritanomaly

144.5800, -10.1459, -59.2677

Monochromacy



Original Color

127.6370, -60.4600, -68.0876



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.9990, -22.1845, -24.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6370, -60.4600, -68.0876 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(50, 191, 5)` looks like.

```
.text, #text, p{  
    color:rgb(50, 191, 5)  
}
```

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(50, 191, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 191, 5) }
```

Border

The CSS property to change the border of an element to YUV 127.6370, -60.4600, -68.0876 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(50, 191, 5) }
```


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

```
.border{ border-color:rgb(50, 191, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 191, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 191, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 191, 5);  
box-shadow:4px 4px 4px 4px rgb(50, 191, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 127.6370, -60.4600, -68.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 191, 5) }
```

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

```
.background{ background-color: rgb(50, 191,  
5) }
```

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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