

Converting Colors

YUV(123.1930, -46.9301,
-67.6983)

Have a look what the booklet for
YUV(123.1930, -46.9301, -67.6983)
contains.

YUV(123.1930, -46.9301, -67.6983)	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(123.1930, -46.9301,
-67.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	2EB51C
RGB	46, 181, 28
RGB Percent	18%, 71%, 11%
CMY	0.8196, 0.2902, 0.8902
CMYK	0.75, 0.00, 0.85, 0.29
HSL	113°, 73%, 41%
HSV	113°, 85%, 71%
XYZ	17.8602, 33.7124, 6.6644
YIQ	123.1930, -31.3470, -76.2030

Conversions

Conversions Part 2

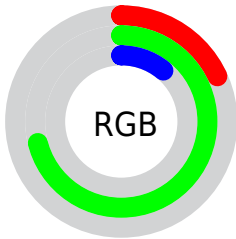
Format	Color
R _Y B	28, 181, 163
Decimal	3061020
CIE Lab	64.73, -61.60, 60.38
CIE LCh	65, 86.258, 135.576
Yxy	33.7124, 0.3067, 0.5789
Android (android.graphics.Color)	4281251100 (0xFF2EB51C)
YUV	123.1930, -46.9301, -67.6983
Hunter-Lab	58.0624, -46.7020, 33.8383

Details

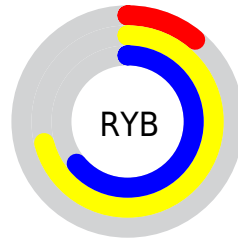
The YUV color **123.1930, -46.9301, -67.6983** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **85.8070, 46.9301, 67.6983**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8240, -47.2412, -61.2356**, and **74.5490, -36.7527, -65.3795** is the 20% darker color. If you saturate the color by 10%, you get **116.3570, -52.4340, -75.7351**, and if you desaturate by 10%, it is **130.0290, -41.4263, -59.6614**.

Distribution



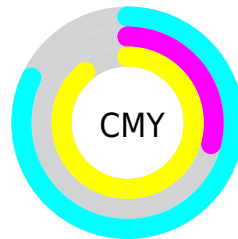
- Red (18%)
- Green (71%)
- Blue (11%)



- Red (11%)
- Yellow (71%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (85%)
- Black (29%)



- Cyan (82%)
- Magenta (29%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1930, -46.9301, -67.6983 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 123.1930, -46.9301, -67.6983 by changing the saturation by 10% instead.

■ 123.1930,
-46.9301, -67.6983

■ 123.1930,
-46.9301, -67.6983

■ 255.0000, 0.0000,
0.0000

■ 89.8110, -44.2768,
-78.7642

■ 183.8240,
-47.2412, -61.2356

■ 74.5490, -36.7527,
-65.3795

■ 206.1500,
-44.9370, -53.6286

■ 58.7000, -28.9391,
-51.4799

■ 218.3120,
-37.1288, -37.9846

■ 44.0250, -21.7043,
-38.6099

■ 230.4740,
-29.3207, -22.3407

■ 30.5240, -15.0483,
-26.7695

■ 242.7500,
-21.0757, -6.7968

■ 14.6750, -7.2348,
-12.8700

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 123.1930,
-46.9301, -67.6983

■ 123.1930,
-46.9301, -67.6983

■ 116.3570,
-52.4340, -75.7351

■ 130.0290,
-41.4263, -59.6614

■ 112.5260,
-55.4753, -80.2683

■ 136.8650,
-35.9224, -51.6246

■ 143.7010,
-30.4186, -43.5878

■ 150.5370,
-24.9147, -35.5509

■ 157.4870,
-18.9741, -27.6141

■ 164.3230,
-13.4702, -19.5773

■ 171.1590, -7.9664,
-11.5404

■ 177.9950, -2.4625,
-3.5036

■ 184.8310, 3.0413,
4.5332

Harmonies

Analogous

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



142.8900, -70.4448, 7.9895



123.1930, -46.9301, -67.6983



123.5800, -3.7369, -108.3797

Triad

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



123.1930, -46.9301, -67.6983



132.9690, 60.1613, -116.6138



127.6070, -3.2573, 111.7237

Complementary

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



123.1930, -46.9301, -67.6983



85.8070, 46.9301, 67.6983

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.



140.4940, 28.3505, 100.4218



123.1930, -46.9301, -67.6983



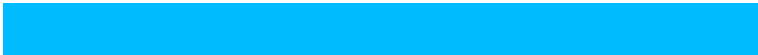
118.8810, 67.1067, -104.2586

Square

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



123.1930, -46.9301, -67.6983



139.4260, 56.9780, -122.2766



159.0660, 47.2955, 43.7921



141.3630, -47.0140, 99.6596

Rectangle

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



123.1930, -46.9301, -67.6983



130.9100, 19.2714, -114.8081



159.0660, 47.2955, 43.7921



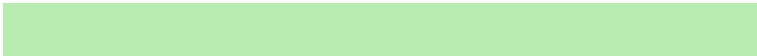
127.5220, 9.1097, 111.7982

Sweetspot

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



123.1930, -46.9301, -67.6983



212.7260, -18.1059, -26.0697



151.8180, -61.0423, 25.5926



103.7410, -10.7183, -15.5589



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.1930, -46.9301, -67.6983



146.3170, -72.1343, -103.7640



124.1950, -19.8161, -84.3630



85.5820, -2.7519, -4.0184



95.1930, -46.9301, -67.6983



16.1590, -7.9664, -11.5404

Inverse Universe

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



85.8070, 46.9301, 67.6983



88.6830, 72.1343, 103.7640



84.8050, 19.8161, 84.3630



83.4180, 2.7519, 4.0184



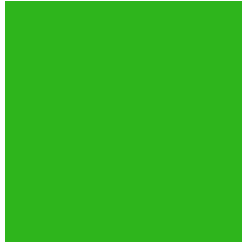
57.8070, 46.9301, 67.6983



9.8410, 7.9664, 11.5404

Previews

White Background



This preview shows how the YUV color 123.1930, -46.9301, -67.6983 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 123.1930, -46.9301, -67.6983 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 123.1930, -46.9301, -67.6983 Background



This preview shows how black text looks on a background with the YUV color 123.1930, -46.9301, -67.6983.



This preview shows how white text looks on a background with the YUV color 123.1930, -46.9301, -67.6983.

-67.6983.

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

123.1930, -46.9301, -67.6983

Protanopia

146.5900, -61.9159, 25.7926

Deuteranopia

150.5390, -51.0447, 38.9923



Tritanopia

145.0780, 18.2025, -51.8114

Trichromacy



Original Color

123.1930, -46.9301, -67.6983



Protanomaly

138.1620, -56.2819, -8.0351



Deuteranomaly

140.6390, -49.6150, 0.3166



Tritanomaly

137.1440, -5.4940, -58.0083

Monochromacy



Original Color

123.1930, -46.9301, -67.6983



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.9650, -17.2377, -24.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1930, -46.9301, -67.6983 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(46, 181, 28)` looks like.

```
.text, #text, p{  
    color:rgb(46, 181, 28)  
}
```

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(46, 181, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 181, 28) }
```

Border

The CSS property to change the border of an element to YUV 123.1930, -46.9301, -67.6983 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(46, 181, 28) }
```


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

```
.border{ border-color:rgb(46, 181, 28) }
```

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

Here you see how a box with a 4 pixel rgb(46, 181, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 181, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 181, 28);  
box-shadow:4px 4px 4px 4px rgb(46, 181,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 123.1930, -46.9301, -67.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 181, 28) }
```

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

```
.background{ background-color: rgb(46, 181,  
28) }
```

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