

Converting Colors

YUV(114.1980, -34.6076,
-100.1516)

Have a look what the booklet for
YUV(114.1980, -34.6076, -100.1516)
contains.

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Color

**YUV(114.1980, -34.6076,
-100.1516)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA2C
RGB	0, 186, 44
RGB Percent	0%, 73%, 17%
CMY	1.0000, 0.2706, 0.8275
CMYK	1.00, 0.00, 0.76, 0.27
HSL	134°, 100%, 36%
HSV	134°, 100%, 73%
XYZ	18.0135, 35.2997, 8.2470
YIQ	114.1980, -65.2740, -83.5940

Conversions

Conversions Part 2

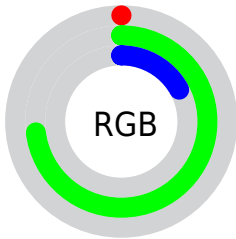
Format	Color
RYB	0, 150, 186
Decimal	47660
CIELab	65.98, -66.16, 56.73
CIELCh	66, 87.153, 139.391
Yxy	35.2997, 0.2926, 0.5734
Android (android.graphics.Color)	4278237740 (0xFF00BA2C)
YUV	114.1980, -34.6076, -100.1516
Hunter-Lab	59.4135, -49.8544, 33.3596

Details

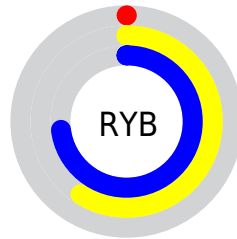
The YUV color **114.1980, -34.6076, -100.1516** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **71.8020, 34.6076, 100.1516**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2290, -41.5249, -74.7458**, and **76.8970, -37.9102, -67.4387** is the 20% darker color. If you saturate the color by 10%, you get **114.1980, -34.6076, -100.1516**, and if you desaturate by 10%, it is **121.4750, -31.2932, -89.8706**.

Distribution



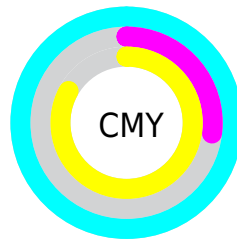
- Red (0%)
- Green (73%)
- Blue (17%)



- Red (0%)
- Yellow (59%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.1980, -34.6076, -100.1516 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 114.1980, -34.6076, -100.1516 by changing the saturation by 10% instead.


 114.1980,
-34.6076, -100.1516


 114.1980,
-34.6076, -100.1516


255.0000, 0.0000,
0.0000


 93.3160, -43.5398,
-81.8381


 184.2290,
-41.5249, -74.7458


 76.8970, -37.9102,
-67.4387


 203.3320,
-37.6317, -63.4352


 61.6350, -30.3861,
-54.0539


 215.6790,
-30.4077, -47.0765

 46.3730, -22.8619,
-40.6691

 227.8410,
-22.5996, -31.4326

 32.2850, -15.9165,
-28.3139

 240.4160,
-14.5021, -15.2738

 17.0230, -8.3923,
-14.9292

 252.9910, -6.4046,

 0.0000, 0.0000,

0.8849

0.0000

■ 114.1980,
-34.6076, -100.1516

■ 121.4750,
-31.2932, -89.8706

■ 128.4530,
-27.8313, -80.2043

■ 135.8440,
-24.0801, -70.0232

■ 142.8220,
-20.6182, -60.3569

■ 150.0990,
-17.3038, -50.0758

■ 157.3760,
-13.9894, -39.7948

■ 164.3540,
-10.5275, -30.1285

■ 171.7450, -6.7763,
-19.9474

■ 178.7230, -3.3144,
-10.2811

Harmonies

Analogous

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



144.3190, -71.1493, 0.5972



114.1980, -34.6076, -100.1516



127.9970, 0.4945, -112.2534

Triad

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



114.1980, -34.6076, -100.1516



133.5560, 59.8719, -117.1286



130.3310, -8.0512, 109.3347

Complementary

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



114.1980, -34.6076, -100.1516



71.8020, 34.6076, 100.1516

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.



139.2230, 26.0191, 101.5364



114.1980, -34.6076, -100.1516



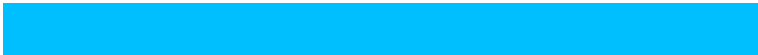
141.6160, 55.8983, -55.7912

Square

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



114.1980, -34.6076, -100.1516



141.1870, 56.1098, -123.8210



162.0890, 45.8051, 55.1729



145.0330, -53.2603, 96.4411

Rectangle

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



114.1980, -34.6076, -100.1516



134.8540, 24.2290, -118.2670



162.0890, 45.8051, 55.1729



129.0720, 4.8945, 110.4389

Sweetspot

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



114.1980, -34.6076, -100.1516



214.2020, -13.4106, -38.7652



151.9390, -74.9059, -7.8395



105.0820, -7.9284, -23.7509



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



114.1980, -34.6076, -100.1516



148.5520, -45.1351, -130.2801



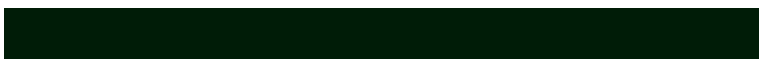
124.6860, 5.5778, -109.3496



88.5110, -1.7309, -4.8331



95.7900, -28.9835, -84.0078



17.2340, -5.0454, -15.1142

Inverse Universe

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



71.8020, 34.6076, 100.1516



93.4480, 45.1351, 130.2801



61.3140, -5.5778, 109.3496



86.4890, 1.7309, 4.8331



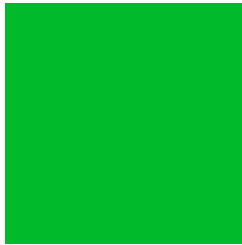
60.2100, 28.9835, 84.0078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 114.1980, -34.6076, -100.1516 looks on a white background.

Color Contrast Check

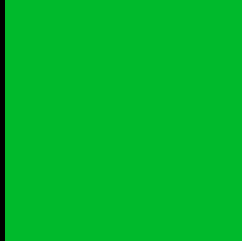
Large Text (above 18pt) WCAG AA × Fail

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 114.1980, -34.6076, -100.1516 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 114.1980, -34.6076, -100.1516 Background



This preview shows how black text looks on a background with the YUV color 114.1980, -34.6076, -100.1516.



This preview shows how white text looks on a background with the YUV color 114.1980, -34.6076, -100.1516.

-100.1516.

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

114.1980, -34.6076, -100.1516

Protanopia

151.0720, -56.2375, 24.4929

Deuteranopia

154.5650, -47.1135, 38.0925



Tritanopia

145.8920, 20.2662, -60.4183

Trichromacy



Original Color

114.1980, -34.6076, -100.1516



Protanomaly

137.8490, -48.2396, -20.9156



Deuteranomaly

140.0980, -42.4463, -12.3639



Tritanomaly

134.5270, 0.2332, -75.0072

Monochromacy



Original Color

114.1980, -34.6076, -100.1516



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1530, -12.4004, -36.0912

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1980, -34.6076, -100.1516 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(0, 186, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 44)  
}
```

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(0, 186, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 44) }
```

Border

The CSS property to change the border of an element to YUV 114.1980, -34.6076, -100.1516 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(0, 186, 44) }
```


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

```
.border{ border-color:rgb(0, 186, 44) }
```

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

Here you see how a box with a 4 pixel rgb(0, 186, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 44);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 114.1980, -34.6076, -100.1516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 44) }
```

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

```
.background{ background-color: rgb(0, 186,  
44) }
```

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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