

Converting Colors

YUV(118.8730, -21.1364,
-34.0916)

Have a look what the booklet for
YUV(118.8730, -21.1364, -34.0916)
contains.

YUV(118.8730, -21.1364, -34.0916)	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(118.8730, -21.1364,
-34.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	50934C
RGB	80, 147, 76
RGB Percent	31%, 58%, 30%
CMY	0.6863, 0.4235, 0.7020
CMYK	0.46, 0.00, 0.48, 0.42
HSL	117°, 32%, 44%
HSV	117°, 48%, 58%
XYZ	15.0465, 23.0947, 10.5022
YIQ	118.8730, -17.1410, -36.2850

Conversions

Conversions Part 2

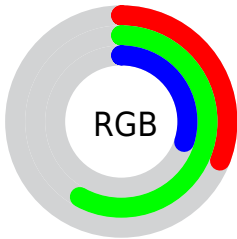
Format	Color
RYB	76, 147, 143
Decimal	5280588
CIELab	55.17, -36.29, 30.99
CIElCh	55, 47.715, 139.505
Yxy	23.0947, 0.3093, 0.4748
Android (android.graphics.Color)	4283470668 (0xFF50934C)
YUV	118.8730, -21.1364, -34.0916
Hunter-Lab	48.0570, -28.2119, 20.6829

Details

The YUV color **118.8730, -21.1364, -34.0916** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.1270, 21.1364, 34.0916**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7050, -23.0256, -34.8213**, and **67.1330, -18.7996, -36.9506** is the 20% darker color. If you saturate the color by 10%, you get **112.9770, -25.6247, -41.1988**, and if you desaturate by 10%, it is **124.7690, -16.6481, -26.9844**.

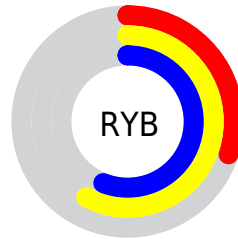
Distribution



Red (31%)

Green (58%)

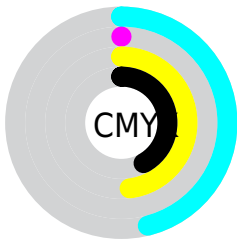
Blue (30%)



Red (30%)

Yellow (58%)

Blue (56%)

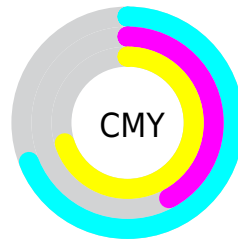


Cyan (46%)

Magenta (0%)

Yellow (48%)

Black (42%)



Cyan (69%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8730, -21.1364, -34.0916 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 118.8730, -21.1364, -34.0916 by changing the saturation by 10% instead.

■ 118.8730,
-21.1364, -34.0916

■ 118.8730,
-21.1364, -34.0916

■ 255.0000, 0.0000,
0.0000

■ 92.8020, -20.1154,
-34.9064

■ 172.7050,
-23.0256, -34.8213

■ 67.1330, -18.7996,
-36.9506

■ 200.5910,
-23.4624, -34.7213

■ 42.1330, -18.7996,
-36.9506

■ 226.7160,
-23.0310, -33.0769

■ 28.1760, -13.8908,
-24.7104

■ 238.1660,
-15.3648, -18.5626

■ 15.8490, -7.8136,
-13.8996

■ 250.1430, -6.9725,
-3.6334

■ 0.0000, 0.0000,
0.0000

■ 118.8730,
-21.1364, -34.0916

■ 118.8730,
-21.1364, -34.0916

■ 112.9770,
-25.6247, -41.1988

■ 124.7690,
-16.6481, -26.9844

■ 107.1950,
-29.6761, -48.4060

■ 130.5510,
-12.5966, -19.7772

■ 101.2990,
-34.1644, -55.5132

■ 136.4470, -8.1084,
-12.6700

■ 95.7020, -38.8001,
-62.0057

■ 142.0440, -3.4727,
-6.1776

■ 89.9200, -42.8516,
-69.2128

■ 147.9400, 1.0156,
0.9296

■ 88.6810, -43.7197,
-70.7572

■ 153.7220, 5.0671,
8.1368

■ 159.6180, 9.5553,
15.2440

■ 165.5140, 14.0436,

22.3512

■ 171.2960, 18.0951,
29.5584

Harmonies

Analogous

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



125.1630, -37.5484, 3.3650



118.8730, -21.1364, -34.0916



102.4480, 6.6811, -89.8469

Triad

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



118.8730, -21.1364, -34.0916



107.0490, 52.2338, -93.8820



131.6280, -12.1416, 67.8552

Complementary

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



118.8730, -21.1364, -34.0916



104.1270, 21.1364, 34.0916

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.



133.9100, 6.9464, 58.8379



118.8730, -21.1364, -34.0916



131.0800, 38.9076, -19.3642

Square

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



118.8730, -21.1364, -34.0916



109.5790, 41.6196, -96.1008



136.0060, 24.6470, 28.0587



130.5670, -29.8595, 57.3847

Rectangle

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



118.8730, -21.1364, -34.0916



106.2270, 18.6221, -93.1611



136.0060, 24.6470, 28.0587



131.6370, -5.7370, 66.9704

Sweetspot

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



118.8730, -21.1364, -34.0916



180.4470, -8.1084, -12.6700



135.9710, -29.5657, 9.6724



90.2780, -5.0671, -8.1368



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



118.8730, -21.1364, -34.0916



147.2500, -33.1542, -52.8392



121.2110, -7.0060, -39.6500



71.1090, -2.0257, -3.6036



83.3980, -41.1152, -66.1240



6.1690, -3.0413, -4.5332

Inverse Universe

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



104.1270, 21.1364, 34.0916



124.0490, 33.0068, 53.4540



101.7890, 7.0060, 39.6500



69.8910, 2.0257, 3.6036



54.6020, 41.1152, 66.1240



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 118.8730, -21.1364, -34.0916 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8730, -21.1364, -34.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

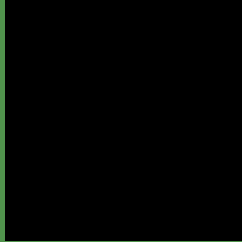
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.8730, -21.1364, -34.0916 Background



This preview shows how black text looks on a background with the YUV color 118.8730, -21.1364, -34.0916.



This preview shows how white text looks on a background with the YUV color 118.8730, -21.1364, -34.0916.

-34.0916.

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

118.8730, -21.1364, -34.0916

Protanopia

128.3460, -28.2716, 14.6056

Deuteranopia

130.1500, -24.2310, 25.3014



Tritanopia

127.0980, 11.2907, -28.1499

Trichromacy



Original Color

118.8730, -21.1364, -34.0916

Protanomaly

124.9200, -25.5966, -3.4378

Deuteranomaly

125.9470, -23.1449, 3.5545

Tritanomaly

124.2860, -0.6340, -30.0688

Monochromacy



Original Color

118.8730, -21.1364, -34.0916

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8600, -7.8190, -12.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8730, -21.1364, -34.0916 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(80, 147, 76)` looks like.

```
.text, #text, p{  
    color:rgb(80, 147, 76)  
}
```

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(80, 147, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 147, 76) }
```

Border

The CSS property to change the border of an element to YUV 118.8730, -21.1364, -34.0916 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(80, 147, 76) }
```


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

```
.border{ border-color:rgb(80, 147, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 147, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 147, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 147, 76);  
box-shadow:4px 4px 4px 4px rgb(80, 147,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 118.8730, -21.1364, -34.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 147, 76) }
```

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

```
.background{ background-color: rgb(80, 147,  
76) }
```

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