

Converting Colors

YUV(147.0650, -69.5450,
-47.4150)

Have a look what the booklet for
YUV(147.0650, -69.5450, -47.4150)
contains.

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Color

**YUV(147.0650, -69.5450,
-47.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	5DCA06
RGB	93, 202, 6
RGB Percent	36%, 79%, 2%
CMY	0.6353, 0.2078, 0.9765
CMYK	0.54, 0.00, 0.97, 0.21
HSL	93°, 94%, 41%
HSV	93°, 97%, 79%
XYZ	25.6676, 44.5814, 7.4245
YIQ	147.0650, -2.0480, -84.0640

Conversions

Conversions Part 2

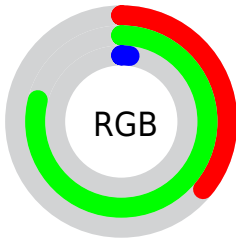
Format	Color
RYB	6, 202, 115
Decimal	6146566
CIELab	72.62, -58.78, 71.08
CIELCh	73, 92.231, 129.589
Yxy	44.5814, 0.3305, 0.5740
Android (android.graphics.Color)	4284336646 (0xFF5DCA06)
YUV	147.0650, -69.5450, -47.4150
Hunter-Lab	66.7693, -48.2268, 40.1456

Details

The YUV color **147.0650, -69.5450, -47.4150** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **60.9350, 69.5450, 47.4150**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1930, -60.2411, -44.8963**, and **88.9800, -43.8671, -70.1425** is the 20% darker color. If you saturate the color by 10%, you get **145.4840, -71.7236, -48.6595**, and if you desaturate by 10%, it is **152.6340, -62.4306, -42.6520**.

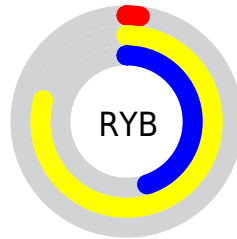
Distribution



Red (36%)

Green (79%)

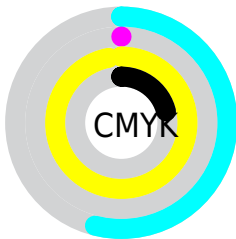
Blue (2%)



Red (2%)

Yellow (79%)

Blue (45%)

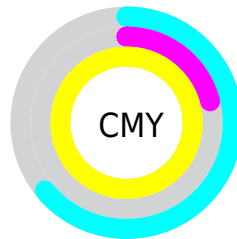


Cyan (54%)

Magenta (0%)

Yellow (97%)

Black (21%)



Cyan (64%)

Magenta (21%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0650, -69.5450, -47.4150 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 147.0650, -69.5450, -47.4150 by changing the saturation by 10% instead.

■ 147.0650,
-69.5450, -47.4150

■ 147.0650,
-69.5450, -47.4150

■ 255.0000, 0.0000,
0.0000

■ 120.0780,
-59.1985, -52.6884

■ 205.1930,
-60.2411, -44.8963

■ 88.9800, -43.8671,
-70.1425

■ 217.4690,
-51.9962, -29.3523

■ 70.4400, -34.7269,
-61.7759

■ 229.7450,
-43.7513, -13.8084

■ 55.1780, -27.2028,
-48.3911

■ 241.9070,
-35.9432, 1.8356

■ 40.5030, -19.9680,
-35.5211

■ 248.5020,
-24.8975, 5.6987

■ 27.5890, -13.6014,
-24.1956

■ 251.9220,

■ 9.9790, -4.9196,

-11.7935, 2.6994

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 147.0650,
-69.5450, -47.4150

■ 147.0650,
-69.5450, -47.4150

■ 145.4840,
-71.7236, -48.6595

■ 152.6340,
-62.4306, -42.6520

■ 158.2030,
-55.3161, -37.8890

■ 164.1850,
-47.9122, -32.6112

■ 169.7540,
-40.7977, -27.8483

■ 175.3230,
-33.6832, -23.0853

■ 180.8920,
-26.5688, -18.3223

■ 186.7600,
-19.6017, -12.9445

■ 192.4430,
-12.0504, -8.2815

■ 198.0120, -4.9359,
-3.5185

Harmonies

Analogous

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



164.2310, -80.9659, 22.5994



147.0650, -69.5450, -47.4150



137.5540, -11.1191, -120.6349

Triad

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



147.0650, -69.5450, -47.4150



148.2310, 52.6371, -129.9986



138.5270, 8.1212, 102.1468

Complementary

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



147.0650, -69.5450, -47.4150



60.9350, 69.5450, 47.4150

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.



159.2560, 39.3138, 83.9675



147.0650, -69.5450, -47.4150



134.7300, 59.2931, -118.1582

Square

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



147.0650, -69.5450, -47.4150



154.1010, 49.7432, -135.1466



176.1110, 38.8923, 32.3517



149.2510, -37.0987, 92.7419

Rectangle

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



147.0650, -69.5450, -47.4150



146.0410, 13.7838, -128.0780



176.1110, 38.8923, 32.3517



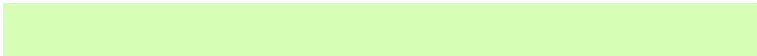
141.1320, 20.6409, 99.8622

Sweetspot

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



147.0650, -69.5450, -47.4150



234.3050, -26.2794, -17.8075



128.0000, -60.1460, 64.8980



115.3950, -15.9707, -10.8704



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.



147.0650, -69.5450, -47.4150



183.4720, -90.4517, -61.8039



122.1920, -52.3527, -101.9004



99.0660, -3.4835, -2.6889



119.5680, -58.9470, -39.9631



27.3890, -13.5028, -9.1112

Inverse Universe

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



60.9350, 69.5450, 47.4150



71.5280, 90.4517, 61.8039



85.8080, 52.3527, 101.9004



94.6350, 3.6309, 2.0741



46.4320, 58.9470, 39.9631



10.6110, 13.5028, 9.1112

Previews

White Background



This preview shows how the YUV color 147.0650, -69.5450, -47.4150 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 147.0650, -69.5450, -47.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

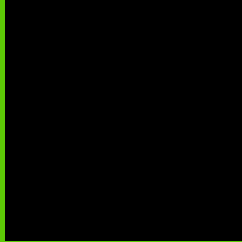
Any Text WCAG AA ✓ Pass

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 147.0650, -69.5450, -47.4150 Background



This preview shows how black text looks on a background with the YUV color 147.0650, -69.5450, -47.4150.



This preview shows how white text looks on a background with the YUV color 147.0650, -69.5450, -47.4150.

-47.4150.

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

147.0650, -69.5450, -47.4150

Protanopia

163.6990, -80.7036, 31.8360

Deuteranopia

170.0810, -63.1439, 46.4100



Tritanopia

169.9760, 16.2808, -42.0750

Trichromacy



Original Color

147.0650, -69.5450, -47.4150

Protanomaly

157.5490, -76.6857, 3.0265

Deuteranomaly

161.5900, -65.3669, 12.6376

Tritanomaly

161.4140, -14.9941, -44.2131

Monochromacy



Original Color

147.0650, -69.5450, -47.4150

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9460, -25.1164, -17.4926

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0650, -69.5450, -47.4150 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(93, 202, 6)` looks like.

```
.text, #text, p{  
    color:rgb(93, 202, 6)  
}
```

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(93, 202, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 202, 6) }
```

Border

The CSS property to change the border of an element to YUV 147.0650, -69.5450, -47.4150 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(93, 202, 6) }
```


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

```
.border{ border-color:rgb(93, 202, 6) }
```

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

Here you see how a box with a 4 pixel rgb(93, 202, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 202, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 202, 6);  
box-shadow:4px 4px 4px 4px rgb(93, 202, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 147.0650, -69.5450, -47.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 202, 6) }
```

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

```
.background{ background-color: rgb(93, 202,  
6) }
```

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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