

# Converting Colors

YUV(181.4560, -72.6958,  
-63.5439)

Have a look what the booklet for  
YUV(181.4560, -72.6958, -63.5439)  
contains.

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# Color

**YUV(181.4560, -72.6958,  
-63.5439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DF722
RGB	109, 247, 34
RGB Percent	43%, 97%, 13%
CMY	0.5725, 0.0314, 0.8667
CMYK	0.56, 0.00, 0.86, 0.03
HSL	99°, 93%, 55%
HSV	99°, 86%, 97%
XYZ	39.8562, 69.8882, 12.9025
YIQ	181.4560, -13.8750, -95.4990

# Conversions

## Conversions Part 2

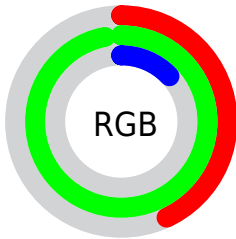
Format	Color
<a href="#">RYB</a>	<a href="#">34, 247, 172</a>
Decimal	<a href="#">7206690</a>
CIELab	<a href="#">86.94, -69.47, 79.25</a>
CIELCh	<a href="#">87, 105.389, 131.238</a>
Yxy	<a href="#">69.8882, 0.3250, 0.5698</a>
Android (android.graphics.Color)	<a href="#">4285396770 (0xFF6DF722)</a>
YUV	<a href="#">181.4560, -72.6958, -63.5439</a>
Hunter-Lab	<a href="#">83.5992, -61.1981, 49.3687</a>

# Details

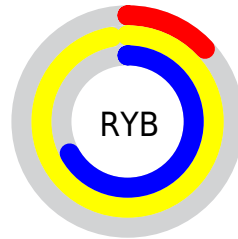
The YUV color **181.4560, -72.6958, -63.5439** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **99.5440, 72.6958, 63.5439**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1540, -54.3059, -35.2151**, and **118.1190, -58.2327, -82.5424** is the 20% darker color. If you saturate the color by 10%, you get **173.8220, -81.2572, -70.8809**, and if you desaturate by 10%, it is **189.0900, -64.1344, -56.2069**.

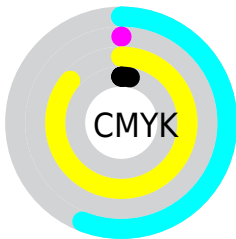
# Distribution



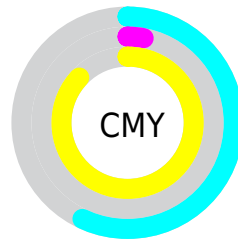
- Red (43%)
- Green (97%)
- Blue (13%)



- Red (13%)
- Yellow (97%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (86%)
- Black (3%)



- Cyan (57%)
- Magenta (3%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.4560, -72.6958, -63.5439 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 181.4560, -72.6958, -63.5439 by changing the saturation by 10% instead.



181.4560,  
-72.6958, -63.5439

181.4560,  
-72.6958, -63.5439

255.0000, 0.0000,  
0.0000

150.0920,  
-73.9954, -66.7327

213.1540,  
-54.3059, -35.2151

118.1190,  
-58.2327, -82.5424

225.7290,  
-46.2084, -19.0563

94.5070, -46.5920,  
-82.8826

238.4180,  
-37.6741, -2.9976

78.6580, -38.7784,  
-68.9831

247.7040,  
-27.9551, 6.3986

63.3960, -31.2542,  
-55.5983

251.1240,  
-14.8511, 3.3993

48.1340, -23.7301,  
-42.2135

254.5440, -1.7472,

34.0460, -16.7847,

0.3999

-29.8583

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 181.4560,  
-72.6958, -63.5439

■ 181.4560,  
-72.6958, -63.5439

■ 173.8220,  
-81.2572, -70.8809

■ 189.0900,  
-64.1344, -56.2069

■ 171.0020,  
-84.3040, -73.6698

■ 196.6100,  
-56.0097, -48.7700

■ 204.2440,  
-47.4483, -41.4330

■ 211.8780,  
-38.8869, -34.0960

■ 219.3980,  
-30.7622, -26.6590

■ 227.0320,  
-22.2008, -19.3221

■ 234.6660,  
-13.6393, -11.9851

■ 242.3000, -5.0779,  
-4.6481

■ 249.7060, 2.6099,  
2.8888

# Harmonies

## Analogous

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



199.9480, -98.5744, 23.7246



181.4560, -72.6958, -63.5439



166.6710, -8.7118, -146.1705

# Triad

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



181.4560, -72.6958, -63.5439



173.4720, 40.1933, -152.1349



156.0350, 14.2797, 86.7923

# Complementary

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



181.4560, -72.6958, -63.5439



99.5440, 72.6958, 63.5439

# 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.



174.5810, 39.6466, 70.5275



181.4560, -72.6958, -63.5439



157.0360, 48.2963, -137.7206

# Square

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



181.4560, -72.6958, -63.5439



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



169.1580, -39.5179, 75.2834



# Rectangle

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



181.4560, -72.6958, -63.5439



174.6510, 21.8641, -153.1689



206.2790, 24.0195, 42.7283



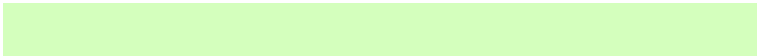
158.6230, 29.2729, 84.5226

# Sweetspot

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



181.4560, -72.6958, -63.5439



234.6190, -22.4902, -19.8369



176.9320, -70.4655, 61.4496



115.6660, -13.6393, -11.9851



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.



181.4560, -72.6958, -63.5439



176.5950, -87.0613, -75.9438



162.2230, -49.4099, -112.4516



118.2400, -4.0623, -3.7185



128.9160, -63.5556, -55.1773



40.9120, -20.1696, -17.4628



# Inverse Universe

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



99.5440, 72.6958, 63.5439



78.4050, 87.0613, 75.9438



118.7770, 49.4099, 112.4516



113.7600, 4.0623, 3.7185



57.3830, 63.4082, 55.7921

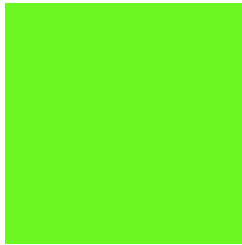


18.0880, 20.1696, 17.4628



# Previews

## White Background



This preview shows how the YUV color 181.4560, -72.6958, -63.5439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

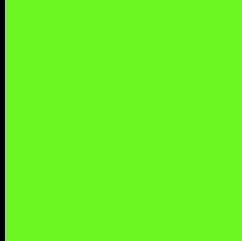
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.4560, -72.6958, -63.5439 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

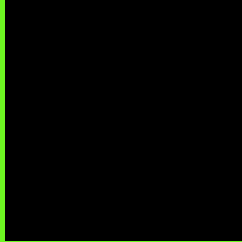
Any Text WCAG AA ✓ Pass

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 181.4560, -72.6958, -63.5439 Background



This preview shows how black text looks on a background with the YUV color 181.4560, -72.6958, -63.5439.



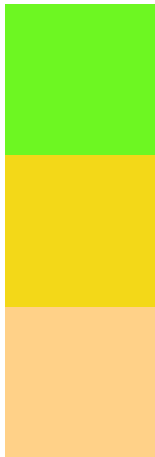
This preview shows how white text looks on a background with the YUV color 181.4560, -72.6958, -63.5439.

-63.5439.

# 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

181.4560, -72.6958, -63.5439

### Protanopia

202.1850, -87.8452, 35.7948

### Deuteranopia

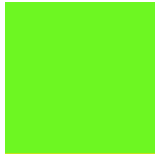
214.4320, -38.6670, 35.5781



## Tritanopia

206.9360, 20.2446, -53.4409

# Trichromacy



## Original Color

181.4560, -72.6958, -63.5439



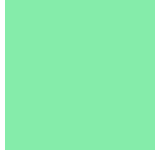
## Protanomaly

194.4470, -82.0584, -0.3920



## Deuteranomaly

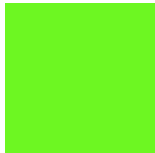
202.5850, -51.0674, -0.5130



## Tritanomaly

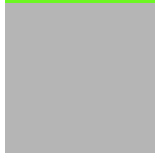
197.6790, -13.6457, -56.7235

# Monochromacy



## Original Color

181.4560, -72.6958, -63.5439



## Achromatopsia

181.0000, 0.0000, 0.0000



## Achromatomaly

181.2720, -26.2631, -23.0405

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.4560, -72.6958, -63.5439 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(109, 247, 34)` looks like.

```
.text, #text, p{  
    color:rgb(109, 247, 34)  
}
```

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(109, 247, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 247, 34) }
```

## Border

The CSS property to change the border of an element to YUV 181.4560, -72.6958, -63.5439 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(109, 247, 34) }
```



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

```
.border{ border-color:rgb(109, 247, 34) }
```

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

Here you see how a box with a 4 pixel rgb(109, 247, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 247, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 247, 34);  
box-shadow:4px 4px 4px 4px rgb(109, 247,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 181.4560, -72.6958, -63.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 247, 34) }
```

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

```
.background{ background-color: rgb(109,  
247, 34) }
```

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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