

Converting Colors

YUV(174.4880, -67.7816,
-53.0480)

Have a look what the booklet for
YUV(174.4880, -67.7816, -53.0480)
contains.

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Color

**YUV(174.4880, -67.7816,
-53.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	72E825
RGB	114, 232, 37
RGB Percent	45%, 91%, 15%
CMY	0.5529, 0.0902, 0.8549
CMYK	0.51, 0.00, 0.84, 0.09
HSL	96°, 81%, 53%
HSV	96°, 84%, 91%
XYZ	36.1300, 61.4242, 11.7021
YIQ	174.4880, -7.7330, -85.6610

Conversions

Conversions Part 2

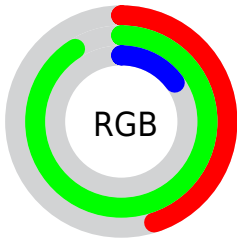
Format	Color
RYB	37, 232, 155
Decimal	7530533
CIELab	82.61, -62.83, 74.92
CIELCh	83, 97.779, 129.983
Yxy	61.4242, 0.3307, 0.5622
Android (android.graphics.Color)	4285720613 (0xFF72E825)
YUV	174.4880, -67.7816, -53.0480
Hunter-Lab	78.3736, -54.8659, 46.0088

Details

The YUV color **174.4880, -67.7816, -53.0480** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **94.5120, 67.7816, 53.0480**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6380, -55.0375, -33.8855**, and **115.5820, -56.9819, -63.6544** is the 20% darker color. If you saturate the color by 10%, you get **167.6800, -75.7642, -59.3554**, and if you desaturate by 10%, it is **181.2960, -59.7989, -46.7406**.

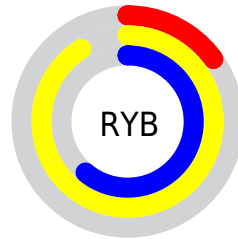
Distribution



Red (45%)

Green (91%)

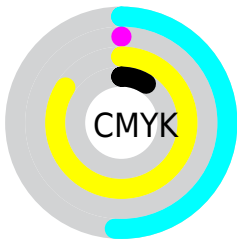
Blue (15%)



Red (15%)

Yellow (91%)

Blue (61%)

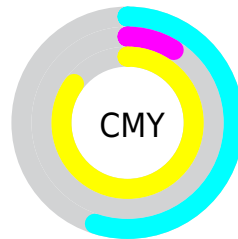


Cyan (51%)

Magenta (0%)

Yellow (84%)

Black (9%)



Cyan (55%)

Magenta (9%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4880, -67.7816, -53.0480 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 174.4880, -67.7816, -53.0480 by changing the saturation by 10% instead.

■ 174.4880,
-67.7816, -53.0480

■ 174.4880,
-67.7816, -53.0480

■ 255.0000, 0.0000,
0.0000

■ 143.6790,
-70.8337, -54.0925

■ 213.6380,
-55.0375, -33.8855

■ 115.5820,
-56.9819, -63.6544

■ 226.2130,
-46.9400, -17.7268

■ 86.8760, -42.8299,
-76.1903

■ 238.7880,
-38.8425, -1.5681

■ 71.0270, -35.0163,
-62.2907

■ 247.4760,
-28.8287, 6.5985

■ 55.7650, -27.4921,
-48.9059

■ 250.8960,
-15.7247, 3.5992

■ 41.0900, -20.2574,
-36.0359

■ 254.2020, -3.0576,

■ 27.5890, -13.6014,

0.6998

-24.1956

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 174.4880,
-67.7816, -53.0480

■ 174.4880,
-67.7816, -53.0480

■ 167.6800,
-75.7642, -59.3554

■ 181.2960,
-59.7989, -46.7406

■ 163.6920,
-80.7002, -62.8739

■ 188.1040,
-51.8163, -40.4332

■ 195.0260,
-43.3968, -34.2258

■ 201.8340,
-35.4142, -27.9184

■ 208.6420,
-27.4315, -21.6110

■ 215.4500,
-19.4488, -15.3036

■ 222.2580,
-11.4662, -8.9963

■ 229.1800, -3.0467,
-2.7889

■ 235.9880, 4.9359,
3.5185

Harmonies

Analogous

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



189.0390, -93.1962, 25.3988



174.4880, -67.7816, -53.0480



158.4870, -9.6071, -138.9931

Triad

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



174.4880, -67.7816, -53.0480



165.8410, 43.9554, -145.4426



155.3510, 11.6590, 87.3922

Complementary

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



174.4880, -67.7816, -53.0480



94.5120, 67.7816, 53.0480

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



174.4880, -67.7816, -53.0480



150.5790, 51.4796, -132.0578

Square

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



174.4880, -67.7816, -53.0480



172.2980, 40.7721, -151.1053



200.0660, 27.0825, 40.2841



165.2770, -36.6186, 78.6871

Rectangle

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



174.4880, -67.7816, -53.0480



167.5440, 17.4798, -146.9361



200.0660, 27.0825, 40.2841



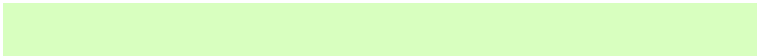
158.8850, 25.1997, 84.2929

Sweetspot

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



174.4880, -67.7816, -53.0480



236.0430, -22.2062, -17.5777



163.9840, -62.6031, 59.6500



116.3780, -13.4974, -10.8555



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.



174.4880, -67.7816, -53.0480



179.8840, -88.6828, -69.1813



153.6310, -48.1321, -102.2854



111.5390, -4.2097, -3.1037



126.0030, -62.1195, -49.1146



35.9170, -17.7071, -13.9592

Inverse Universe

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



94.5120, 67.7816, 53.0480



75.1160, 88.6828, 69.1813



115.3690, 48.1321, 102.2854



106.4610, 4.2097, 3.1037



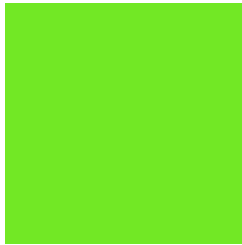
52.6980, 62.2669, 48.4999



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 174.4880, -67.7816, -53.0480 looks on a white background.

Color Contrast Check

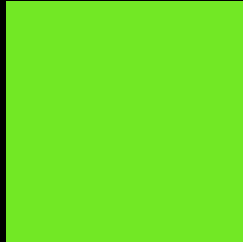
Large Text (above 18pt) WCAG AA × Fail

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 174.4880, -67.7816, -53.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

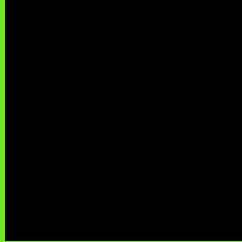
Any Text WCAG AA ✓ Pass

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 174.4880, -67.7816, -53.0480 Background



This preview shows how black text looks on a background with the YUV color 174.4880, -67.7816, -53.0480.



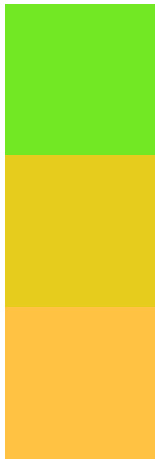
This preview shows how white text looks on a background with the YUV color 174.4880, -67.7816, -53.0480.

-53.0480.

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

174.4880, -67.7816, -53.0480

Protanopia

192.4110, -80.5616, 32.9656

Deuteranopia

197.7610, -64.4652, 50.1986



Tritanopia

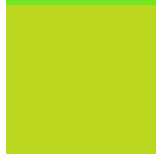
196.7090, 17.8915, -45.3488

Trichromacy



Original Color

174.4880, -67.7816, -53.0480



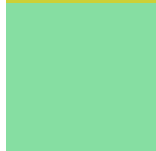
Protanomaly

186.0650, -75.9540, 1.6970



Deuteranomaly

189.4760, -65.8037, 12.7375



Tritanomaly

188.8480, -13.2361, -48.1017

Monochromacy



Original Color

174.4880, -67.7816, -53.0480



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0490, -24.6742, -19.3370

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4880, -67.7816, -53.0480 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(114, 232, 37)` looks like.

```
.text, #text, p{  
    color:rgb(114, 232, 37)  
}
```

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(114, 232, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 232, 37) }
```

Border

The CSS property to change the border of an element to YUV 174.4880, -67.7816, -53.0480 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(114, 232, 37) }
```


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

```
.border{ border-color:rgb(114, 232, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 232, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 232, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 232, 37);  
box-shadow:4px 4px 4px 4px rgb(114, 232,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 174.4880, -67.7816, -53.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 232, 37) }
```

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

```
.background{ background-color: rgb(114,  
232, 37) }
```

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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