

Converting Colors

YUV(183.4730, -71.7182,
-50.4038)

Have a look what the booklet for
YUV(183.4730, -71.7182, -50.4038)
contains.

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Color

**YUV(183.4730, -71.7182,
-50.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	7EF126
RGB	126, 241, 38
RGB Percent	49%, 95%, 15%
CMY	0.5059, 0.0549, 0.8510
CMYK	0.48, 0.00, 0.84, 0.05
HSL	94°, 88%, 55%
HSV	94°, 84%, 95%
XYZ	40.4093, 67.4862, 12.7301
YIQ	183.4730, -3.3770, -87.5130

Conversions

Conversions Part 2

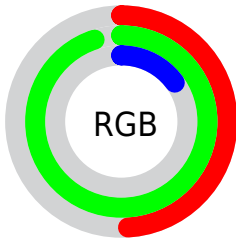
Format	Color
RYB	38, 241, 153
Decimal	8319270
CIELab	85.75, -62.60, 77.63
CIELCh	86, 99.731, 128.883
Yxy	67.4862, 0.3350, 0.5595
Android (android.graphics.Color)	4286509350 (0xFF7EF126)
YUV	183.4730, -71.7182, -50.4038
Hunter-Lab	82.1500, -55.9588, 48.3173

Details

The YUV color **183.4730, -71.7182, -50.4038** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **95.5270, 71.7182, 50.4038**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4540, -55.9328, -26.7082**, and **125.6490, -61.9450, -58.4512** is the 20% darker color. If you saturate the color by 10%, you get **176.5510, -80.1376, -56.6112**, and if you desaturate by 10%, it is **190.3950, -63.2987, -44.1964**.

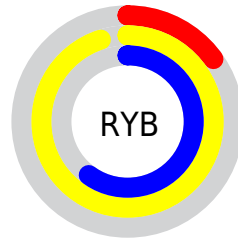
Distribution



Red (49%)

Green (95%)

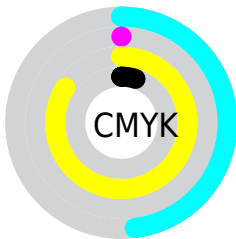
Blue (15%)



Red (15%)

Yellow (95%)

Blue (60%)

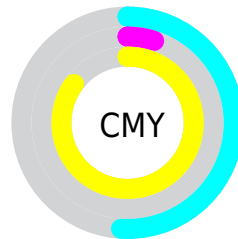


Cyan (48%)

Magenta (0%)

Yellow (84%)

Black (5%)



Cyan (51%)

Magenta (5%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.4730, -71.7182, -50.4038 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 183.4730, -71.7182, -50.4038 by changing the saturation by 10% instead.

183.4730,
-71.7182, -50.4038

183.4730,
-71.7182, -50.4038

255.0000, 0.0000,
0.0000

152.5500,
-75.2071, -51.3483

217.4540,
-55.9328, -26.7082

125.6490,
-61.9450, -58.4512

230.1430,
-47.3985, -10.6494

91.5720, -45.1450,
-80.3086

242.7180,
-39.3010, 5.5093

75.7230, -37.3314,
-66.4091

247.8180,
-27.5183, 6.2986

60.4610, -29.8073,
-53.0243

251.2380,
-14.4143, 3.2993

45.7860, -22.5725,
-40.1543

254.6580, -1.3104,

31.6980, -15.6271,

0.2999

-27.7991

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 183.4730,
-71.7182, -50.4038

■ 183.4730,
-71.7182, -50.4038

■ 176.5510,
-80.1376, -56.6112

■ 190.3950,
-63.2987, -44.1964

■ 172.5630,
-85.0736, -60.1298

■ 197.0180,
-54.7319, -38.6038

■ 203.9400,
-46.3124, -32.3964

■ 210.8620,
-37.8930, -26.1890

■ 217.4850,
-29.3261, -20.5963

■ 224.5210,
-20.4699, -14.4889

■ 231.4430,
-12.0504, -8.2815

■ 238.0660, -3.4835,
-2.6889

■ 244.9880, 4.9359,
3.5185

Harmonies

Analogous

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



197.6220, -97.4276, 29.2725



183.4730, -71.7182, -50.4038



164.1120, -10.9012, -143.9262

Triad

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



183.4730, -71.7182, -50.4038



171.7110, 41.0615, -150.5905



160.7140, 14.4380, 82.6888

Complementary

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



183.4730, -71.7182, -50.4038



95.5270, 71.7182, 50.4038

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.



179.8640, 37.0420, 65.8943



183.4730, -71.7182, -50.4038



156.4490, 48.5856, -137.2058

Square

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



183.4730, -71.7182, -50.4038



178.7550, 37.5888, -156.7681



206.8440, 23.7409, 38.7248



169.8250, -34.4237, 74.6985

Rectangle

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



183.4730, -71.7182, -50.4038



173.3970, 17.0593, -152.0692



206.8440, 23.7409, 38.7248



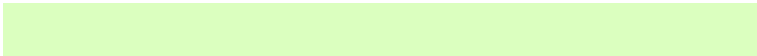
164.3620, 28.4155, 79.4895

Sweetspot

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



183.4730, -71.7182, -50.4038



236.9400, -22.6484, -15.7334



164.4410, -62.3354, 67.1422



116.9760, -13.7922, -9.6260



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.



183.4730, -71.7182, -50.4038



182.8740, -90.1569, -63.0335



158.3010, -54.3784, -105.5040



116.5390, -4.2097, -3.1037



131.9280, -65.0405, -45.5409



40.0480, -19.7437, -14.0741

Inverse Universe

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



95.5270, 71.7182, 50.4038



72.1260, 90.1569, 63.0335



120.6990, 54.3784, 105.5040



111.4610, 4.2097, 3.1037



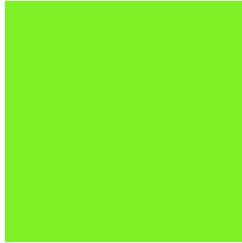
52.0720, 65.0405, 45.5409



15.9520, 19.7437, 14.0741

Previews

White Background



This preview shows how the YUV color 183.4730, -71.7182, -50.4038 looks on a white background.

Color Contrast Check

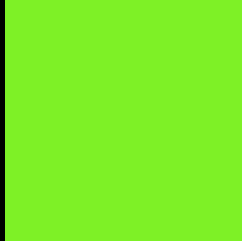
Large Text (above 18pt) WCAG AA × Fail

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 183.4730, -71.7182, -50.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

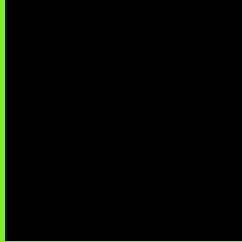
Any Text WCAG AA ✓ Pass

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 183.4730, -71.7182, -50.4038 Background



This preview shows how black text looks on a background with the YUV color 183.4730, -71.7182, -50.4038.



This preview shows how white text looks on a background with the YUV color 183.4730, -71.7182, -50.4038.

-50.4038.

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

183.4730, -71.7182, -50.4038

Protanopia

200.2110, -83.9140, 34.8950

Deuteranopia

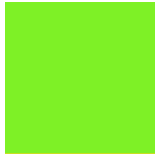
210.4880, -43.6246, 39.0370



Tritanopia

206.0190, 17.7386, -42.9897

Trichromacy



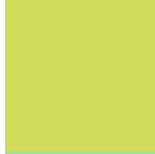
Original Color

183.4730, -71.7182, -50.4038



Protanomaly

194.1640, -79.4539, 4.2412



Deuteranomaly

200.5320, -53.9993, 6.5494



Tritanomaly

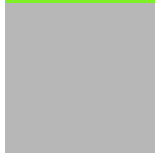
197.8160, -14.6993, -45.4426

Monochromacy



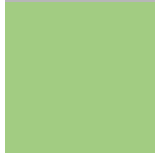
Original Color

183.4730, -71.7182, -50.4038



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.0060, -26.1320, -18.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.4730, -71.7182, -50.4038 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(126, 241, 38)` looks like.

```
.text, #text, p{  
    color:rgb(126, 241, 38)  
}
```

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(126, 241, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 241, 38) }
```

Border

The CSS property to change the border of an element to YUV 183.4730, -71.7182, -50.4038 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(126, 241, 38) }
```


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

```
.border{ border-color:rgb(126, 241, 38) }
```

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

Here you see how a box with a 4 pixel rgb(126, 241, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 241, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 241, 38);  
box-shadow:4px 4px 4px 4px rgb(126, 241,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 183.4730, -71.7182, -50.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 241, 38) }
```

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

```
.background{ background-color: rgb(126,  
241, 38) }
```

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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