

Converting Colors

YUV(173.9490, -73.9249,
-89.4093)

Have a look what the booklet for
YUV(173.9490, -73.9249, -89.4093)
contains.

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Color

**YUV(173.9490, -73.9249,
-89.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	48FF18
RGB	72, 255, 24
RGB Percent	28%, 100%, 9%
CMY	0.7176, 0.0000, 0.9059
CMYK	0.72, 0.00, 0.91, 0.00
HSL	108°, 100%, 55%
HSV	108°, 91%, 100%
XYZ	38.5974, 72.9637, 12.9133
YIQ	173.9490, -34.9170, -110.6370

Conversions

Conversions Part 2

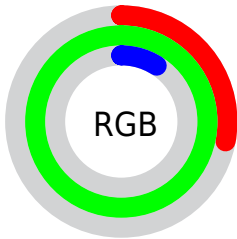
Format	Color
RYB	24, 255, 207
Decimal	4783896
CIELab	88.43, -79.87, 81.79
CIELCh	88, 114.318, 134.319
Yxy	72.9637, 0.3101, 0.5862
Android (android.graphics.Color)	4282973976 (0xFF48FF18)
YUV	173.9490, -73.9249, -89.4093
Hunter-Lab	85.4188, -68.8258, 50.8299

Details

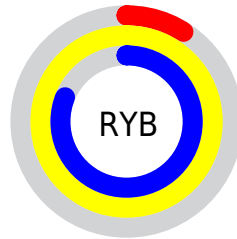
The YUV color **173.9490, -73.9249, -89.4093** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **105.0510, 73.9249, 89.4093**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6250, -52.0731, -51.4141**, and **115.6390, -57.0100, -101.4154** is the 20% darker color. If you saturate the color by 10%, you get **165.5320, -81.6073, -98.6906**, and if you desaturate by 10%, it is **182.7790, -65.9530, -79.6132**.

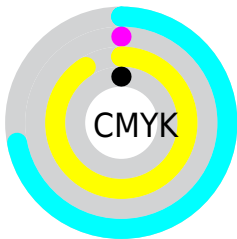
Distribution



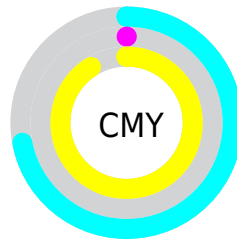
- Red (28%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (81%)



- Cyan (72%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9490, -73.9249, -89.4093 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 173.9490, -73.9249, -89.4093 by changing the saturation by 10% instead.

■ 173.9490,
-73.9249, -89.4093

■ 173.9490,
-73.9249, -89.4093

■ 255.0000, 0.0000,
0.0000

■ 132.6620,
-65.4024, -116.3446

■ 204.6250,
-52.0731, -51.4141

■ 115.6390,
-57.0100, -101.4154

■ 217.9120,
-43.8336, -34.1258

■ 98.6160, -48.6177,
-86.4862

■ 230.9000,
-35.4467, -17.4523

■ 82.7670, -40.8041,
-72.5867

■ 243.8880,
-27.0598, -0.7788

■ 66.3310, -32.7012,
-58.1723

■ 250.8960,
-15.7247, 3.5992

■ 51.0690, -25.1770,
-44.7875

■ 254.3160, -2.6208,

■ 36.9810, -18.2316,

0.5999

-32.4323

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 173.9490,
-73.9249, -89.4093

■ 173.9490,
-73.9249, -89.4093

■ 165.5320,
-81.6073, -98.6906

■ 182.7790,
-65.9530, -79.6132

■ 191.7230,
-57.5444, -69.9171

■ 200.8520,
-49.7200, -59.5062

■ 209.7960,
-41.3114, -49.8101

■ 218.6260,
-33.3396, -40.0140

■ 227.5700,
-24.9310, -30.3179

■ 236.5140,
-16.5224, -20.6218

■ 245.6430, -8.6980,
-10.2109

254.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



202.2520, -99.7102, 14.6880



173.9490, -73.9249, -89.4093



167.8110, -4.3438, -147.1702

Triad

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



173.9490, -73.9249, -89.4093



176.4070, 38.7463, -154.7089



145.5030, 14.5420, 96.0289

Complementary

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



173.9490, -73.9249, -89.4093



105.0510, 73.9249, 89.4093

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.



164.0150, 44.8556, 79.7938



173.9490, -73.9249, -89.4093



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.



173.9490, -73.9249, -89.4093



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



166.8780, -48.2539, 77.2830

Rectangle

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



173.9490, -73.9249, -89.4093



176.4750, 28.8528, -154.7686



201.5830, 26.3346, 46.8467



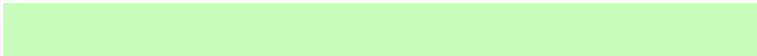
145.4980, 32.2925, 96.0333

Sweetspot

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



173.9490, -73.9249, -89.4093



230.6890, -22.0317, -26.9143



199.3160, -86.4308, 48.8349



113.4590, -13.0443, -16.1885



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.



173.9490, -73.9249, -89.4093



165.5320, -81.6073, -98.6906



167.0070, -38.4575, -125.4171



123.2290, -4.0569, -5.4628



124.0770, -61.1700, -73.7355



41.4550, -20.4373, -24.9550

Inverse Universe

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



105.0510, 73.9249, 89.4093



89.4680, 81.6073, 98.6906



111.9930, 38.4575, 125.4171



119.4720, 4.2043, 4.8481



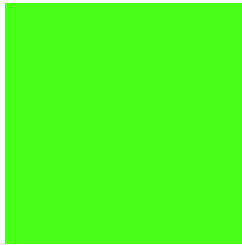
67.2220, 61.0226, 74.3503



22.5450, 20.4373, 24.9550

Previews

White Background



This preview shows how the YUV color 173.9490, -73.9249, -89.4093 looks on a white background.

Color Contrast Check

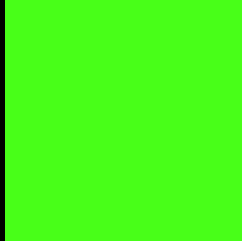
Large Text (above 18pt) WCAG AA × Fail

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 173.9490, -73.9249, -89.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

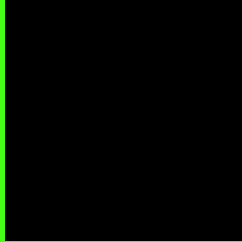
Any Text WCAG AA ✓ Pass

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 173.9490, -73.9249, -89.4093 Background



This preview shows how black text looks on a background with the YUV color 173.9490, -73.9249, -89.4093.



This preview shows how white text looks on a background with the YUV color 173.9490, -73.9249, -89.4093.

-89.4093.

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

173.9490, -73.9249, -89.4093

Protanopia

203.2920, -100.2230, 39.2089

Deuteranopia

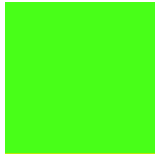
218.4900, -33.2726, 32.0193



Tritanopia

206.4720, 23.9243, -67.0659

Trichromacy



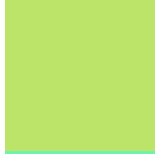
Original Color

173.9490, -73.9249, -89.4093



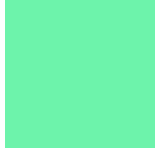
Protanomaly

192.8130, -90.6198, -7.7290



Deuteranomaly

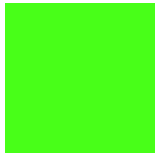
202.0180, -47.8299, -12.2938



Tritanomaly

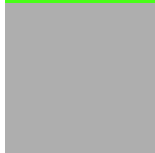
194.7260, -11.6969, -75.1817

Monochromacy



Original Color

173.9490, -73.9249, -89.4093



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.6900, -26.9622, -32.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9490, -73.9249, -89.4093 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(72, 255, 24)` looks like.

```
.text, #text, p{  
    color:rgb(72, 255, 24)  
}
```

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(72, 255, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 255, 24) }
```

Border

The CSS property to change the border of an element to YUV 173.9490, -73.9249, -89.4093 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(72, 255, 24) }
```


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

```
.border{ border-color:rgb(72, 255, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 255, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 255, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 255, 24);  
box-shadow:4px 4px 4px 4px rgb(72, 255,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 173.9490, -73.9249, -89.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 255, 24) }
```

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

```
.background{ background-color: rgb(72, 255,  
24) }
```

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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