

# Converting Colors

YUV(172.1320, -50.8441,  
-25.5488)

Have a look what the booklet for  
YUV(172.1320, -50.8441, -25.5488)  
contains.

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# Color

**YUV(172.1320, -50.8441,  
-25.5488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8FCF45
RGB	143, 207, 69
RGB Percent	56%, 81%, 27%
CMY	0.4392, 0.1882, 0.7294
CMYK	0.31, 0.00, 0.67, 0.19
HSL	88°, 59%, 54%
HSV	88°, 67%, 81%
XYZ	34.7147, 50.8950, 13.6243
YIQ	172.1320, 6.1540, -56.4860

# Conversions

## Conversions Part 2

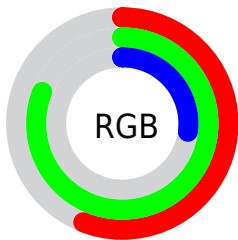
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 207, 133
Decimal	9424709
CIELab	76.62, -41.80, 59.65
CIElCh	77, 72.835, 125.021
Yxy	50.8950, 0.3498, 0.5129
Android (android.graphics.Color)	4287614789 (0xFF8FCF45)
YUV	172.1320, -50.8441, -25.5488
Hunter-Lab	71.3407, -37.9874, 38.6156

# Details

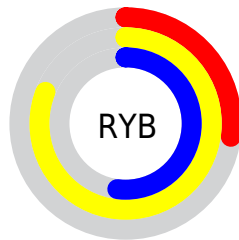
The YUV color  $172.1320, -50.8441, -25.5488$  is a dark color, and the websafe version is hex  $99CC33$ . The color can be described as middle muted chartreuse. A complement of this color would be  $103.8680, 50.8441, 25.5488$ , and the grayscale version is  $173.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $223.6210, -49.1132, -20.7156$ , and  $115.2370, -56.8118, -24.7638$  is the 20% darker color. If you saturate the color by 10%, you get  $166.7480, -58.5428, -29.5970$ , and if you desaturate by 10%, it is  $177.5160, -43.1454, -21.5005$ .

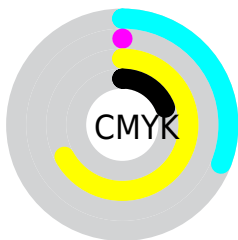
# Distribution



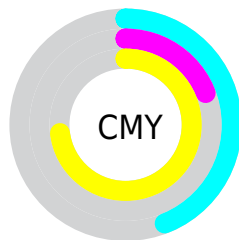
- Red (56%)
- Green (81%)
- Blue (27%)



- Red (27%)
- Yellow (81%)
- Blue (52%)



- Cyan (31%)
- Magenta (0%)
- Yellow (67%)
- Black (19%)



- Cyan (44%)
- Magenta (19%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.1320, -50.8441, -25.5488 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 172.1320, -50.8441, -25.5488 by changing the saturation by 10% instead.



■ 172.1320,  
-50.8441, -25.5488

■ 172.1320,  
-50.8441, -25.5488

255.0000, 0.0000,  
0.0000

■ 144.0180,  
-51.2809, -25.4488

■ 223.6210,  
-49.1132, -20.7156

■ 115.2370,  
-56.8118, -24.7638

■ 235.6690,  
-41.7418, -4.9717

■ 91.3040, -45.0129,  
-29.2076

■ 246.3360,  
-33.1966, 7.5983

■ 67.0720, -33.0665,  
-34.2661

■ 249.6420,  
-20.5295, 4.6990

■ 44.6120, -21.9937,  
-39.1247

■ 252.9480, -7.8624,  
1.7996

■ 30.5240, -15.0483,  
-26.7695

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,  
0.0000

■ 172.1320,  
-50.8441, -25.5488

■ 172.1320,  
-50.8441, -25.5488

■ 166.7480,  
-58.5428, -29.5970

■ 177.5160,  
-43.1454, -21.5005

■ 161.7770,  
-65.9521, -33.1304

■ 182.4870,  
-35.7361, -17.9671

■ 156.3930,  
-73.6507, -37.1787

■ 187.8710,  
-28.0374, -13.9189

■ 154.6980,  
-76.2661, -38.3231

■ 192.9560,  
-20.1913, -10.4854

■ 198.2260,  
-12.9294, -6.3372

■ 203.6100, -5.2307,  
-2.2890

■ 208.6950, 2.6154,  
1.1445

■ 214.0790, 10.3141,  
5.1927

■ 219.0500, 17.7234,  
8.7262

# Harmonies

## Analogous

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



178.6200, -70.8047, 30.1513



172.1320, -50.8441, -25.5488



142.0850, -6.4509, -124.6085

# Triad

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



172.1320, -50.8441, -25.5488



152.9270, 50.3220, -134.1170



169.5530, 5.1504, 74.9370

# Complementary

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



172.1320, -50.8441, -25.5488



103.8680, 50.8441, 25.5488

# 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.



184.8220, 30.6538, 61.5461



172.1320, -50.8441, -25.5488



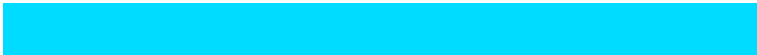
150.7330, 51.4036, -107.6368

# Square

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



172.1320, -50.8441, -25.5488



158.2100, 47.7175, -138.7502



188.1060, 32.9787, 15.6930



170.3610, -27.2930, 74.2284

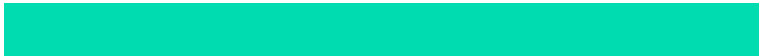


# Rectangle

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



172.1320, -50.8441, -25.5488



149.0900, 12.7736, -130.7519



188.1060, 32.9787, 15.6930



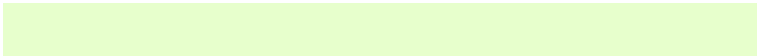
173.3490, 14.6179, 71.6079

# Sweetspot

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



172.1320, -50.8441, -25.5488



242.0100, -18.7389, -9.6558



146.6560, -38.2844, 52.9217



119.9810, -11.3296, -6.1223



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.



172.1320, -50.8441, -25.5488



203.3390, -75.1031, -38.0083



152.0990, -40.9678, -66.7388



102.2510, -4.0677, -1.9741



125.5260, -61.8843, -31.1563



30.6450, -15.1080, -7.5817



# Inverse Universe

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



103.8680, 50.8441, 25.5488



102.6610, 75.1031, 38.0083



123.9010, 40.9678, 66.7388



96.7490, 4.0677, 1.9741



42.4740, 61.8843, 31.1563



10.3550, 15.1080, 7.5817



# Previews

## White Background



This preview shows how the YUV color 172.1320, -50.8441, -25.5488 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 172.1320, -50.8441, -25.5488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

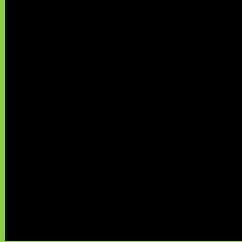
Any Text WCAG AA ✓ Pass

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 172.1320, -50.8441, -25.5488 Background



This preview shows how black text looks on a background with the YUV color 172.1320, -50.8441, -25.5488.



This preview shows how white text looks on a background with the YUV color 172.1320, -50.8441, -25.5488.

-25.5488.

# 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

172.1320, -50.8441, -25.5488

### Protanopia

181.3280, -57.8427, 26.0223

### Deuteranopia

183.9310, -52.2240, 43.9105



## Tritanopia

186.1420, 11.2690, -21.1725

# Trichromacy



## Original Color

172.1320, -50.8441, -25.5488

## Protanomaly

178.1900, -55.3097, 6.8494

## Deuteranomaly

179.5920, -51.5639, 18.7748

## Tritanomaly

181.1700, -11.4228, -22.9511

# Monochromacy



## Original Color

172.1320, -50.8441, -25.5488

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

172.1240, -18.3021, -9.7557

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.1320, -50.8441, -25.5488 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(143, 207, 69)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 69)  
}
```

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(143, 207, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 69) }
```

## Border

The CSS property to change the border of an element to YUV 172.1320, -50.8441, -25.5488 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(143, 207, 69) }
```



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

```
.border{ border-color:rgb(143, 207, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 207, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 69);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 172.1320, -50.8441, -25.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 69) }
```

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

```
.background{ background-color: rgb(143,  
207, 69) }
```

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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