

# Converting Colors

YUV(195.6930, -75.2776,  
-28.6718)

Have a look what the booklet for  
YUV(195.6930, -75.2776, -28.6718)  
contains.

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# Color

**YUV(195.6930, -75.2776,  
-28.6718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3F22B
RGB	163, 242, 43
RGB Percent	64%, 95%, 17%
CMY	0.3608, 0.0510, 0.8314
CMYK	0.33, 0.00, 0.82, 0.05
HSL	84°, 88%, 56%
HSV	84°, 82%, 95%
XYZ	47.2924, 71.4652, 13.5871
YIQ	195.6930, 16.7950, -78.6370

# Conversions

## Conversions Part 2

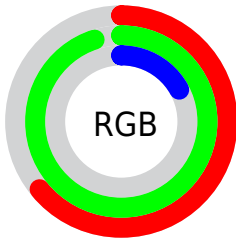
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 242, 122
Decimal	10744363
CIELab	87.71, -50.82, 78.87
CIELCh	88, 93.825, 122.797
Yxy	71.4652, 0.3573, 0.5400
Android (android.graphics.Color)	4288934443 (0xFFA3F22B)
YUV	195.6930, -75.2776, -28.6718
Hunter-Lab	84.5371, -48.0820, 49.6467

# Details

The YUV color **195.6930, -75.2776, -28.6718** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **89.3070, 75.2776, 28.6718**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6740, -59.4923, -4.9761**, and **139.6910, -68.8677, -31.3010** is the 20% darker color. If you saturate the color by 10%, you get **189.9670, -84.2867, -32.4201**, and if you desaturate by 10%, it is **201.4190, -66.2686, -24.9235**.

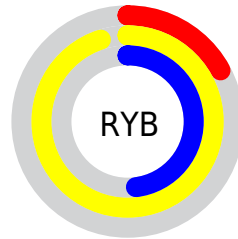
# Distribution



Red (64%)

Green (95%)

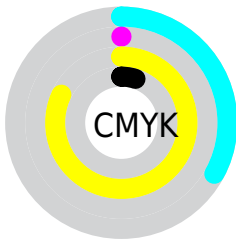
Blue (17%)



Red (17%)

Yellow (95%)

Blue (48%)

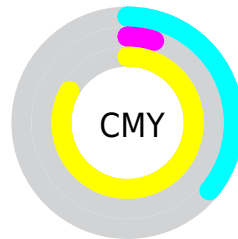


Cyan (33%)

Magenta (0%)

Yellow (82%)

Black (5%)



Cyan (36%)

Magenta (5%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.6930, -75.2776, -28.6718 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 195.6930, -75.2776, -28.6718 by changing the saturation by 10% instead.



■ 195.6930,  
-75.2776, -28.6718

■ 195.6930,  
-75.2776, -28.6718

255.0000, 0.0000,  
0.0000

■ 164.7980,  
-81.2454, -27.8868

■ 228.6740,  
-59.4923, -4.9761

■ 139.6910,  
-68.8677, -31.3010

■ 240.9500,  
-51.2473, 10.5679

■ 114.5730,  
-56.4845, -36.4595

■ 244.8540,  
-38.8750, 8.8980

■ 88.5580, -43.6591,  
-43.4624

■ 248.2740,  
-25.7711, 5.8987

■ 62.2220, -30.6754,  
-54.5687

■ 251.5800,  
-13.1039, 2.9993

■ 46.9600, -23.1513,  
-41.1839

■ 32.8720, -16.2059,

-28.8287

■ 19.9580, -9.8393,  
-17.5032

■ 0.0000, 0.0000,  
0.0000

■ 195.6930,  
-75.2776, -28.6718

■ 195.6930,  
-75.2776, -28.6718

■ 189.9670,  
-84.2867, -32.4201

■ 201.4190,  
-66.2686, -24.9235

■ 185.7080,  
-91.5540, -34.8239

■ 206.8460,  
-57.1121, -21.7899

■ 212.6860,  
-47.6662, -18.1416

■ 218.1130,  
-38.5097, -15.0081

■ 223.8390,  
-29.5006, -11.2598

■ 229.5650,  
-20.4915, -7.5115

■ 234.9920,  
-11.3351, -4.3780

■ 240.8320, -1.8892,  
-0.7297

■ 245.5750, 4.6465,  
3.0037

# Harmonies

## Analogous

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



204.4990, -100.8180, 43.4124



195.6930, -75.2776, -28.6718



164.8470, -15.7006, -144.5708

# Triad

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



195.6930, -75.2776, -28.6718



175.8200, 39.0357, -154.1941



174.1300, 20.1489, 70.9230

# Complementary

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



195.6930, -75.2776, -28.6718



89.3070, 75.2776, 28.6718

# 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.



192.7780, 30.6754, 54.5687



195.6930, -75.2776, -28.6718



162.9060, 45.4023, -142.8686

# Square

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



195.6930, -75.2776, -28.6718



178.7550, 37.5888, -156.7681



210.2450, 22.0642, 16.4481



175.3650, -23.3509, 69.8399



# Rectangle

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



195.6930, -75.2776, -28.6718



171.9150, 11.3809, -150.7695



210.2450, 22.0642, 16.4481



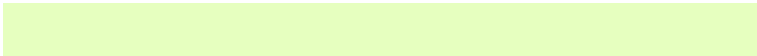
179.8980, 32.0953, 65.8645

# Sweetspot

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



195.6930, -75.2776, -28.6718



240.2290, -24.2699, -8.9708



147.1130, -51.3277, 83.2159



118.7700, -14.6766, -5.9373



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.



195.6930, -75.2776, -28.6718



196.3720, -95.3324, -36.2832



166.6900, -60.9792, -88.3051



117.1370, -4.5045, -1.8741



141.1970, -69.6101, -26.4828



43.0380, -21.2177, -7.9263



# Inverse Universe

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



89.3070, 75.2776, 28.6718



61.6280, 95.3324, 36.2832



118.3100, 60.9792, 88.3051



110.8630, 4.5045, 1.8741



42.8030, 69.6101, 26.4828

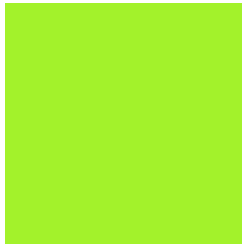


12.9620, 21.2177, 7.9263



# Previews

## White Background



This preview shows how the YUV color 195.6930, -75.2776, -28.6718 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

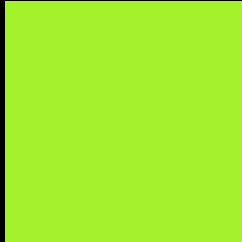
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.6930, -75.2776, -28.6718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

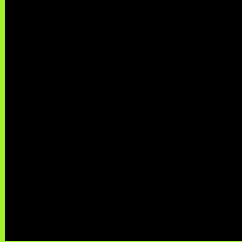
Any Text WCAG AA ✓ Pass

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 195.6930, -75.2776, -28.6718 Background



This preview shows how black text looks on a background with the YUV color 195.6930, -75.2776, -28.6718.



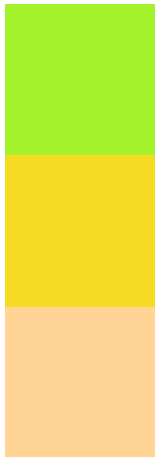
This preview shows how white text looks on a background with the YUV color 195.6930, -75.2776, -28.6718.

-28.6718.

# 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

195.6930, -75.2776, -28.6718

### Protanopia

206.3250, -83.4772, 34.7950

### Deuteranopia

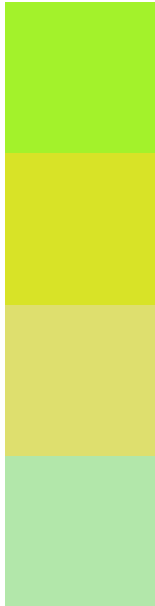
217.5610, -34.2936, 32.8340



## Tritanopia

215.6900, 13.4638, -25.1611

# Trichromacy



## Original Color

195.6930, -75.2776, -28.6718

## Protanomaly

202.2790, -80.4965, 12.0333

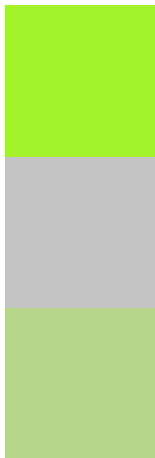
## Deuteranomaly

209.8190, -49.2108, 10.6827

## Tritanomaly

208.1990, -18.8321, -26.4845

# Monochromacy



## Original Color

195.6930, -75.2776, -28.6718

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

196.0070, -27.6115, -10.5301

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.6930, -75.2776, -28.6718 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(163, 242, 43)` looks like.

```
.text, #text, p{  
    color:rgb(163, 242, 43)  
}
```

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(163, 242, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 242, 43) }
```

## Border

The CSS property to change the border of an element to YUV 195.6930, -75.2776, -28.6718 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(163, 242, 43) }
```



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

```
.border{ border-color:rgb(163, 242, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 242, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 242, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 242, 43);  
box-shadow:4px 4px 4px 4px rgb(163, 242,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 195.6930, -75.2776, -28.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 242, 43) }
```

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

```
.background{ background-color: rgb(163,  
242, 43) }
```

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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