

# Converting Colors

YUV(210.3640, -49.4795,  
-43.2922)

Have a look what the booklet for  
YUV(210.3640, -49.4795, -43.2922)  
contains.

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# Color

**YUV(210.3640, -49.4795,  
-43.2922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1FF6E
RGB	161, 255, 110
RGB Percent	63%, 100%, 43%
CMY	0.3686, 0.0000, 0.5686
CMYK	0.37, 0.00, 0.57, 0.00
HSL	99°, 100%, 72%
HSV	99°, 57%, 100%
XYZ	53.2724, 80.2229, 27.4287
YIQ	210.3640, -9.4790, -65.0230

# Conversions

## Conversions Part 2

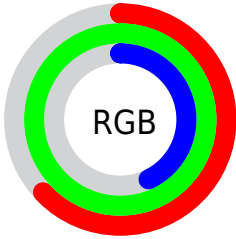
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 255, 204</a>
Decimal	<a href="#">10616686</a>
CIELab	<a href="#">91.78, -52.34, 59.52</a>
CIElCh	<a href="#">92, 79.264, 131.327</a>
Yxy	<a href="#">80.2229, 0.3310, 0.4985</a>
Android (android.graphics.Color)	<a href="#">4288806766 (0xFFA1FF6E)</a>
YUV	<a href="#">210.3640, -49.4795, -43.2922</a>
Hunter-Lab	<a href="#">89.5672, -50.5751, 44.5403</a>

# Details

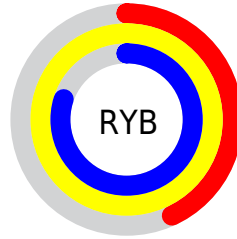
The YUV color **210.3640, -49.4795, -43.2922** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **154.6360, 49.4795, 43.2922**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.2750, -34.1526, -12.5192**, and **153.2930, -48.4584, -44.1070** is the 20% darker color. If you saturate the color by 10%, you get **202.4310, -57.8935, -51.2440**, and if you desaturate by 10%, it is **218.4110, -40.6286, -35.4404**.

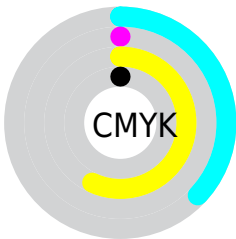
# Distribution



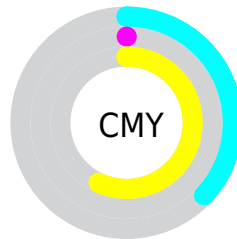
- Red (63%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.3640, -49.4795, -43.2922 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 210.3640, -49.4795, -43.2922 by changing the saturation by 10% instead.



210.3640,  
-49.4795, -43.2922

210.3640,  
-49.4795, -43.2922

255.0000, 0.0000,  
0.0000

181.5920,  
-48.6059, -43.4922

234.2750,  
-34.1526, -12.5192

153.2930,  
-48.4584, -44.1070

246.5510,  
-25.9076, 3.0248

124.1250,  
-50.3476, -44.8366

251.2380,  
-14.4143, 3.2993

95.6020, -47.1318,  
-49.6400

254.6580, -1.3104,  
0.2999

68.0920, -33.5694,  
-59.7167

53.4170, -26.3346,  
-46.8467

38.7420, -19.0998,

-33.9767

■ 26.4150, -13.0226,  
-23.1660

■ 7.0440, -3.4727,  
-6.1776

■ 210.3640,  
-49.4795, -43.2922

■ 210.3640,  
-49.4795, -43.2922

■ 202.4310,  
-57.8935, -51.2440

■ 218.4110,  
-40.6286, -35.4404

■ 194.6830,  
-66.8917, -58.4810

■ 226.0450,  
-32.0672, -28.1035

■ 186.6360,  
-75.7425, -66.3328

■ 234.0920,  
-23.2164, -20.2517

■ 179.0020,  
-84.3040, -73.6698

■ 241.7260,  
-14.6549, -12.9147

■ 176.5950,  
-87.0613, -75.9438

■ 249.7730, -5.8041,  
-5.0629

255.0000, 0.0000,  
0.0000

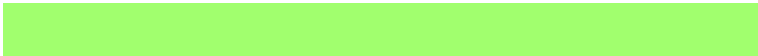
# Harmonies

## Analogous

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



220.0120, -75.4349, 21.9145



210.3640, -49.4795, -43.2922



170.2050, 4.8289, -149.2698

# Triad

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



210.3640, -49.4795, -43.2922



177.5810, 38.1676, -155.7385



194.2360, 5.7997, 53.2900

# Complementary

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



210.3640, -49.4795, -43.2922



154.6360, 49.4795, 43.2922

# 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.



205.1050, 24.5982, 43.7579



210.3640, -49.4795, -43.2922



205.3420, 24.4814, -59.0589

# Square

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



210.3640, -49.4795, -43.2922



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



197.1810, -31.1482, 50.7073



# Rectangle

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



210.3640, -49.4795, -43.2922



176.2470, 27.9792, -154.5686



222.1280, 16.2059, 28.8287



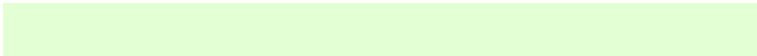
197.0860, 16.7196, 50.7906

# Sweetspot

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



210.3640, -49.4795, -43.2922



241.7260, -14.6549, -12.9147



207.3590, -47.9980, 41.7812



119.9530, -8.8508, -7.8518



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.



210.3640, -49.4795, -43.2922



201.7900, -59.0565, -51.5588



197.2810, -33.6625, -76.5454



123.8270, -4.3517, -4.2333



132.1500, -65.1499, -57.1365



44.1460, -21.7640, -19.4220



# Inverse Universe

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



154.6360, 49.4795, 43.2922



135.2100, 59.0565, 51.5588



167.7190, 33.6625, 76.5454



118.8740, 4.4991, 3.6185



58.8500, 65.1500, 57.1366

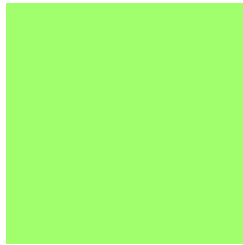


19.5550, 21.9114, 18.8073



# Previews

## White Background



This preview shows how the YUV color 210.3640, -49.4795, -43.2922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

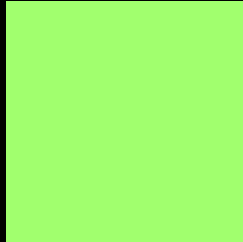
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.3640, -49.4795, -43.2922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

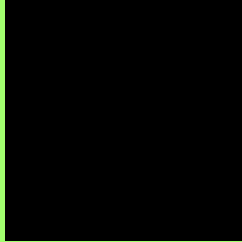
Any Text WCAG AA ✓ Pass

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 210.3640, -49.4795, -43.2922 Background



This preview shows how black text looks on a background with the YUV color 210.3640, -49.4795, -43.2922.



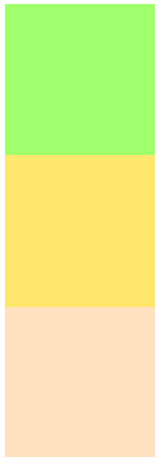
This preview shows how white text looks on a background with the YUV color 210.3640, -49.4795, -43.2922.

-43.2922.

# 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

210.3640, -49.4795, -43.2922

### Protanopia

223.5670, -56.9745, 27.5667

### Deuteranopia

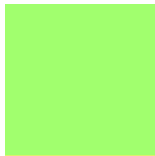
230.0940, -19.2733, 21.8426



## Tritanopia

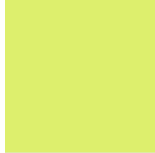
226.1840, 14.2063, -29.9794

# Trichromacy



## Original Color

210.3640, -49.4795, -43.2922



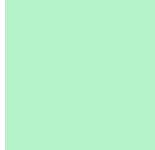
## Protanomaly

218.7980, -54.1304, 1.9312



## Deuteranomaly

223.0790, -30.1119, -1.8233



## Tritanomaly

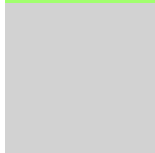
220.3750, -9.0589, -34.5319

# Monochromacy



## Original Color

210.3640, -49.4795, -43.2922



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

209.9060, -17.7017, -15.7036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.3640, -49.4795, -43.2922 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(161, 255, 110)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 110)  
}
```

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(161, 255, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 110) }
```

## Border

The CSS property to change the border of an element to YUV 210.3640, -49.4795, -43.2922 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(161, 255, 110) }
```



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

```
.border{ border-color:rgb(161, 255, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 255, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 255, 110); box-shadow:4px 4px 4px 4px rgb(161, 255, 110) }
```

# Background

The CSS property to change the background color of an element to YUV 210.3640, -49.4795, -43.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 110) }
```

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

```
.background{ background-color: rgb(161,  
255, 110) }
```

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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