

Converting Colors

YUV(210.2090, -41.0220,
-49.2953)

Have a look what the booklet for
YUV(210.2090, -41.0220, -49.2953)
contains.

YUV(210.2090, -41.0220, -49.2953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(210.2090, -41.0220,
-49.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	9AFF7F
RGB	154, 255, 127
RGB Percent	60%, 100%, 50%
CMY	0.3961, 0.0000, 0.5020
CMYK	0.40, 0.00, 0.50, 0.00
HSL	107°, 100%, 75%
HSV	107°, 50%, 100%
XYZ	52.9172, 79.9223, 32.7162
YIQ	210.2090, -19.1080, -61.2200

Conversions

Conversions Part 2

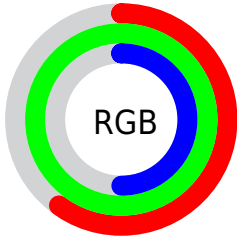
Format	Color
RYB	127, 255, 228
Decimal	10157951
CIELab	91.65, -52.68, 51.65
CIElCh	92, 73.773, 135.567
Yxy	79.9223, 0.3196, 0.4828
Android (android.graphics.Color)	4288348031 (0xFF9AFF7F)
YUV	210.2090, -41.0220, -49.2953
Hunter-Lab	89.3993, -50.7911, 40.8820

Details

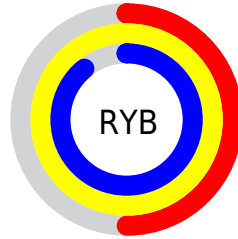
The YUV color **210.2090, -41.0220, -49.2953** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **171.7910, 41.0220, 49.2953**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1200, -25.6952, -18.5222**, and **153.3660, -39.1274, -50.3100** is the 20% darker color. If you saturate the color by 10%, you get **201.3790, -48.9938, -59.0914**, and if you desaturate by 10%, it is **219.1530, -32.6134, -39.5992**.

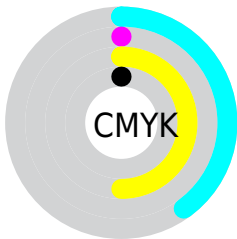
Distribution



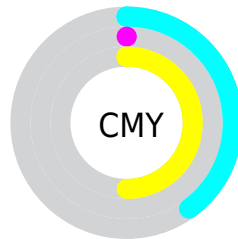
- Red (60%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2090, -41.0220, -49.2953 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 210.2090, -41.0220, -49.2953 by changing the saturation by 10% instead.

210.2090,
-41.0220, -49.2953

210.2090,
-41.0220, -49.2953

255.0000, 0.0000,
0.0000

181.4370,
-40.1484, -49.4952

234.1200,
-25.6952, -18.5222

153.3660,
-39.1274, -50.3100

245.9830,
-17.7396, -3.4931

124.8820,
-38.3958, -51.6395

253.1760, -6.9888,
1.5996

94.3220, -39.1057,
-57.2874

68.0920, -33.5694,
-59.7167

53.4170, -26.3346,
-46.8467

38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 210.2090,
-41.0220, -49.2953

■ 210.2090,
-41.0220, -49.2953

■ 201.3790,
-48.9938, -59.0914

■ 219.1530,
-32.6134, -39.5992

■ 192.4350,
-57.4025, -68.7875

■ 227.9830,
-24.6416, -29.8031

■ 183.6050,
-65.3743, -78.5836

■ 236.9270,
-16.2330, -20.1070

■ 174.6610,
-73.7829, -88.2797

■ 245.7570, -8.2612,
-10.3109

■ 165.8310,
-81.7547, -98.0758

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.



220.2480, -66.6773, 12.9375



210.2090, -41.0220, -49.2953



171.6870, 10.5073, -150.5695

Triad

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



210.2090, -41.0220, -49.2953



175.2330, 39.3251, -153.6793



197.9060, -0.4467, 50.0714

Complementary

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



210.2090, -41.0220, -49.2953



171.7910, 41.0220, 49.2953

Split Complementary

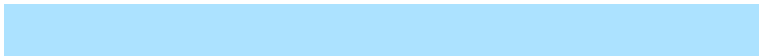
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.8660, 23.7301, 42.2135



210.2090, -41.0220, -49.2953



213.1600, 20.6271, -36.0973

Square

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



210.2090, -41.0220, -49.2953



178.7550, 37.5888, -156.7681



220.9540, 16.7847, 29.8583



201.7630, -33.9002, 46.6888

Rectangle

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



210.2090, -41.0220, -49.2953



177.3870, 32.3472, -155.5684



220.9540, 16.7847, 29.8583



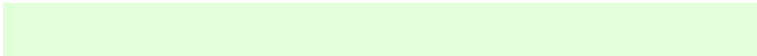
199.4680, 10.6153, 48.7016

Sweetspot

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



210.2090, -41.0220, -49.2953



241.6980, -12.1761, -14.6441



223.9720, -47.8072, 27.2116



119.6970, -7.2456, -9.3813



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.



210.2090, -41.0220, -49.2953



201.3790, -48.9938, -59.0914



206.2400, -21.3173, -69.4935



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.



171.7910, 41.0220, 49.2953



155.6210, 48.9938, 59.0914



175.7600, 21.3173, 69.4935



119.4720, 4.2043, 4.8481



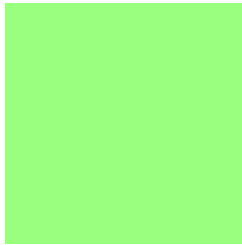
66.9230, 61.1700, 73.7355



22.2460, 20.5847, 24.3403

Previews

White Background



This preview shows how the YUV color 210.2090, -41.0220, -49.2953 looks on a white background.

Color Contrast Check

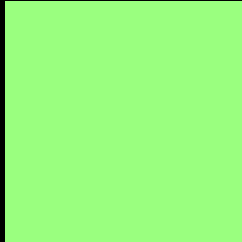
Large Text (above 18pt) WCAG AA × Fail

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 210.2090, -41.0220, -49.2953 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

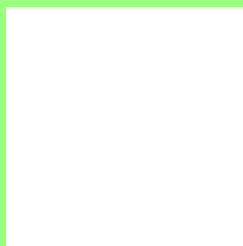
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.2090, -41.0220, -49.2953 Background



This preview shows how black text looks on a background with the YUV color 210.2090, -41.0220, -49.2953.



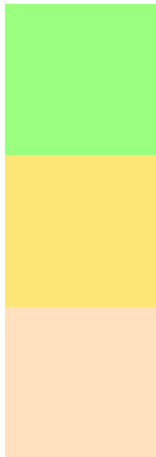
This preview shows how white text looks on a background with the YUV color 210.2090, -41.0220, -49.2953.

-49.2953.

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

210.2090, -41.0220, -49.2953

Protanopia

224.4080, -52.4591, 25.9522

Deuteranopia

230.0940, -19.2733, 21.8426



Tritanopia

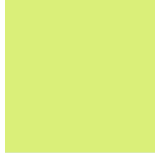
225.5750, 14.5065, -32.9533

Trichromacy



Original Color

210.2090, -41.0220, -49.2953



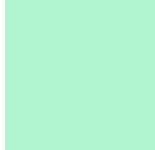
Protanomaly

219.2690, -48.4466, -1.1129



Deuteranomaly

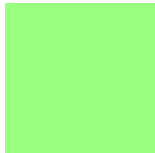
222.8660, -27.0489, -4.2675



Tritanomaly

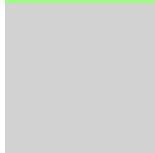
220.1510, -5.9904, -38.7204

Monochromacy



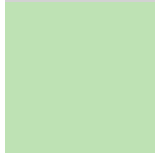
Original Color

210.2090, -41.0220, -49.2953



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9920, -14.7861, -17.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2090, -41.0220, -49.2953 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(154, 255, 127)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 127)  
}
```

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(154, 255, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 127) }
```

Border

The CSS property to change the border of an element to YUV 210.2090, -41.0220, -49.2953 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(154, 255, 127) }
```


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

```
.border{ border-color:rgb(154, 255, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 127);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 210.2090, -41.0220, -49.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 127) }
```

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

```
.background{ background-color: rgb(154,  
255, 127) }
```

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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