

Converting Colors

YUV(212.0490, -31.5762,
-45.6470)

Have a look what the booklet for
YUV(212.0490, -31.5762, -45.6470)
contains.

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Color

**YUV(212.0490, -31.5762,
-45.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	A0FB94
RGB	160, 251, 148
RGB Percent	63%, 98%, 58%
CMY	0.3725, 0.0157, 0.4196
CMYK	0.36, 0.00, 0.41, 0.02
HSL	113°, 93%, 78%
HSV	113°, 41%, 98%
XYZ	54.3397, 78.6061, 40.3255
YIQ	212.0490, -21.1730, -51.3250

Conversions

Conversions Part 2

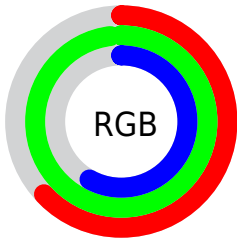
Format	Color
RYB	148, 251, 239
Decimal	10550164
CIELab	91.06, -46.46, 40.95
CIElCh	91, 61.936, 138.609
Yxy	78.6061, 0.3136, 0.4537
Android (android.graphics.Color)	4288740244 (0xFFA0FB94)
YUV	212.0490, -31.5762, -45.6470
Hunter-Lab	88.6601, -45.7526, 35.0950

Details

The YUV color **212.0490, -31.5762, -45.6470** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **186.9510, 31.5762, 45.6470**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0090, -17.2594, -17.5479**, and **155.9180, -29.5396, -45.5321** is the 20% darker color. If you saturate the color by 10%, you get **202.6210, -39.2532, -56.6726**, and if you desaturate by 10%, it is **221.4770, -23.8992, -34.6213**.

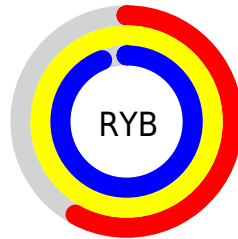
Distribution



Red (63%)

Green (98%)

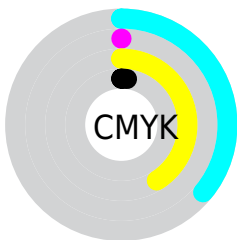
Blue (58%)



Red (58%)

Yellow (98%)

Blue (94%)

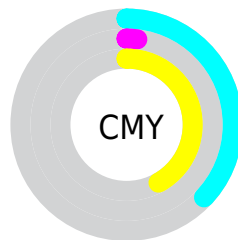


Cyan (36%)

Magenta (0%)

Yellow (41%)

Black (2%)



Cyan (37%)

Magenta (2%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.0490, -31.5762, -45.6470 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 212.0490, -31.5762, -45.6470 by changing the saturation by 10% instead.

■ 212.0490,
-31.5762, -45.6470

■ 212.0490,
-31.5762, -45.6470

255.0000, 0.0000,
0.0000

■ 183.5760,
-30.8500, -45.2322

■ 238.0090,
-17.2594, -17.5479

■ 155.9180,
-29.5396, -45.5321

■ 249.9860, -8.8671,
-2.6187

■ 127.8470,
-28.5186, -46.3468

■ 100.1780,
-27.2028, -48.3911

■ 68.4970, -24.4020,
-60.0719

■ 51.6560, -25.4664,
-45.3023

■ 36.9810, -18.2316,

-32.4323

■ 24.6540, -12.1544,
-21.6216

■ 4.1090, -2.0257,
-3.6036

■ 212.0490,
-31.5762, -45.6470

■ 212.0490,
-31.5762, -45.6470

■ 202.6210,
-39.2532, -56.6726

■ 221.4770,
-23.8992, -34.6213

■ 193.1930,
-46.9301, -67.6983

■ 230.9050,
-16.2222, -23.5957

■ 183.4660,
-54.4597, -79.3387

■ 240.6320, -8.6926,
-11.9553

■ 174.0380,
-62.1367, -90.3643

■ 250.0600, -1.0156,
-0.9296

■ 164.6100,
-69.8137, -101.3900

■ 252.6520, 1.1576,
2.0592

■ 156.0080,
-76.9119, -111.3860

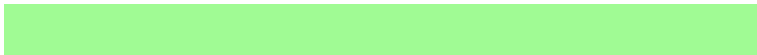
Harmonies

Analogous

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



220.6460, -53.5625, 6.4495



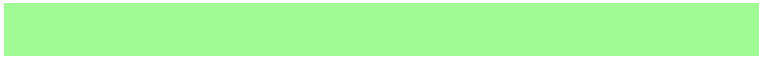
212.0490, -31.5762, -45.6470



187.2930, 8.2366, -122.1600

Triad

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



212.0490, -31.5762, -45.6470



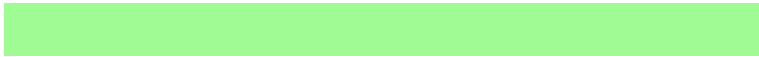
183.9810, 35.0124, -123.6403



204.7220, -4.7929, 44.0938

Complementary

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



212.0490, -31.5762, -45.6470



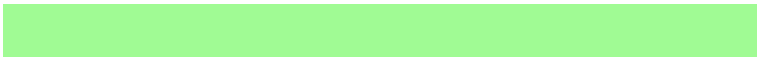
186.9510, 31.5762, 45.6470

Split Complementary

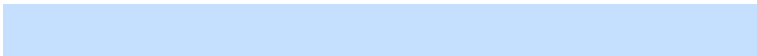
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.1490, 21.1255, 37.5803



212.0490, -31.5762, -45.6470



218.8740, 17.8101, -19.1835

Square

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



212.0490, -31.5762, -45.6470



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



207.4850, -32.2841, 41.6707

Rectangle

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



212.0490, -31.5762, -45.6470



177.6150, 33.2208, -155.7684



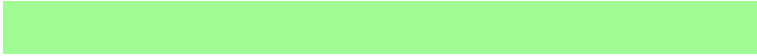
222.1280, 16.2059, 28.8287



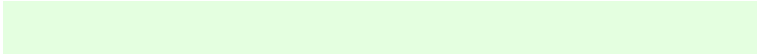
205.7140, 4.0850, 43.2238

Sweetspot

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



212.0490, -31.5762, -45.6470



243.3930, -9.5607, -13.4997



232.2140, -41.5175, 16.4753



121.1640, -5.5039, -8.0368



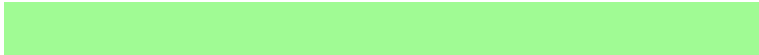
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

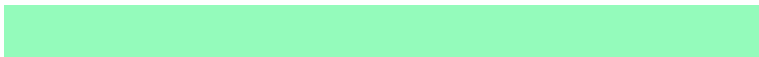
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.0490, -31.5762, -45.6470



207.8600, -38.3850, -55.1282



212.9070, -12.7722, -56.9234



120.2290, -4.0569, -5.4628



117.5210, -57.9379, -83.7719



37.9000, -18.6847, -27.0993

Inverse Universe

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



186.9510, 31.5762, 45.6470



177.1400, 38.3850, 55.1282



186.0930, 12.7722, 56.9234



116.7710, 4.0569, 5.4628



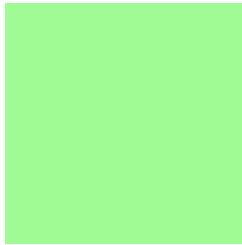
71.4790, 57.9379, 83.7719



23.1000, 18.6847, 27.0993

Previews

White Background



This preview shows how the YUV color 212.0490, -31.5762, -45.6470 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 212.0490, -31.5762, -45.6470 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 212.0490, -31.5762, -45.6470 Background



This preview shows how black text looks on a background with the YUV color 212.0490, -31.5762, -45.6470.



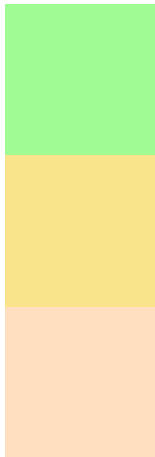
This preview shows how white text looks on a background with the YUV color 212.0490, -31.5762, -45.6470.

-45.6470.

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

212.0490, -31.5762, -45.6470

Protanopia

224.1330, -41.9706, 21.8084

Deuteranopia

228.9200, -18.6946, 22.8722



Tritanopia

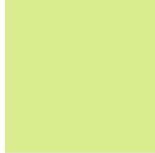
223.2050, 15.6749, -34.3828

Trichromacy



Original Color

212.0490, -31.5762, -45.6470



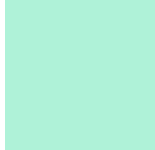
Protanomaly

219.6030, -38.2583, -2.2828



Deuteranomaly

222.5010, -23.4180, -2.1934



Tritanomaly

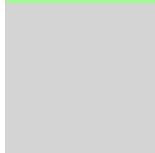
219.0030, -1.4805, -38.5906

Monochromacy



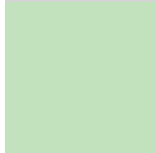
Original Color

212.0490, -31.5762, -45.6470



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.9150, -11.2971, -16.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.0490, -31.5762, -45.6470 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(160, 251, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 251, 148)  
}
```

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(160, 251, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 251, 148) }
```

Border

The CSS property to change the border of an element to YUV 212.0490, -31.5762, -45.6470 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(160, 251, 148) }
```


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

```
.border{ border-color:rgb(160, 251, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 251, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 251, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 251, 148);  
box-shadow:4px 4px 4px 4px rgb(160, 251,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 212.0490, -31.5762, -45.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 251, 148) }
```

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

```
.background{ background-color: rgb(160,  
251, 148) }
```

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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