

Converting Colors

YUV(210.9490, -23.1459,
-42.9283)

Have a look what the booklet for
YUV(210.9490, -23.1459, -42.9283)
contains.

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Color

**YUV(210.9490, -23.1459,
-42.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F5A4
RGB	162, 245, 164
RGB Percent	64%, 96%, 64%
CMY	0.3647, 0.0392, 0.3569
CMYK	0.34, 0.00, 0.33, 0.04
HSL	121°, 81%, 80%
HSV	121°, 34%, 96%
XYZ	54.2535, 75.6665, 46.8676
YIQ	210.9490, -23.4670, -42.7870

Conversions

Conversions Part 2

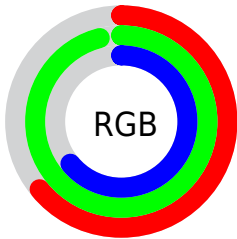
Format	Color
RYB	162, 243, 245
Decimal	10679716
CIELab	89.70, -40.86, 31.24
CIElCh	90, 51.434, 142.599
Yxy	75.6665, 0.3069, 0.4280
Android (android.graphics.Color)	4288869796 (0xFFA2F5A4)
YUV	210.9490, -23.1459, -42.9283
Hunter-Lab	86.9865, -40.8958, 28.9456

Details

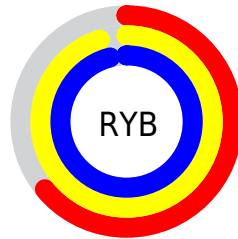
The YUV color **210.9490, -23.1459, -42.9283** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **196.0510, 23.1459, 42.9283**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1320, -10.4181, -18.5328**, and **155.0030, -21.6935, -42.0986** is the 20% darker color. If you saturate the color by 10%, you get **201.0370, -30.0912, -55.2834**, and if you desaturate by 10%, it is **221.1600, -16.3479, -29.9583**.

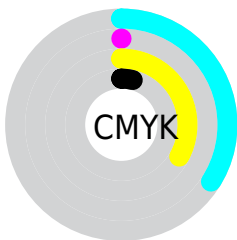
Distribution



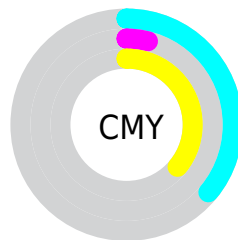
- Red (64%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (95%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.9490, -23.1459, -42.9283 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 210.9490, -23.1459, -42.9283 by changing the saturation by 10% instead.

■ 210.9490,
-23.1459, -42.9283

■ 210.9490,
-23.1459, -42.9283

255.0000, 0.0000,
0.0000

■ 182.4760,
-22.4197, -42.5135

■ 240.1320,
-10.4181, -18.5328

■ 155.0030,
-21.6935, -42.0986

■ 252.1090, -2.0257,
-3.6036

■ 128.2310,
-20.8199, -42.2986

■ 101.2740,
-19.3621, -43.2133

■ 73.2240, -16.8724,
-48.4314

■ 50.4310, -17.4675,
-44.2280

■ 34.6330, -17.0741,

-30.3731

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 210.9490,
-23.1459, -42.9283

■ 210.9490,
-23.1459, -42.9283

■ 201.0370,
-30.0912, -55.2834

■ 221.1600,
-16.3479, -29.9583

■ 190.8260,
-36.8892, -68.2534

■ 231.0720, -9.4025,
-17.6031

■ 180.6150,
-43.6872, -81.2234

■ 241.2830, -2.6045,
-4.6332

■ 170.7030,
-50.6326, -93.5785

■ 249.1300, 2.8939,
5.1480

■ 160.7910,
-57.5780, -105.9337

■ 150.6940,
-63.9391, -119.0036

■ 144.4990,
-68.2800, -126.7256

Harmonies

Analogous

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



218.0010, -41.9055, 0.8761



210.9490, -23.1459, -42.9283



198.3010, 6.2606, -94.9800

Triad

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



210.9490, -23.1459, -42.9283



203.8030, 25.2401, -69.1102



208.2610, -9.0027, 40.9901

Complementary

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



210.9490, -23.1459, -42.9283



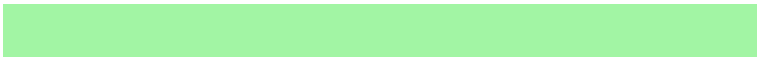
196.0510, 23.1459, 42.9283

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.



213.3740, 13.1266, 36.5060



210.9490, -23.1459, -42.9283



219.8370, 17.3354, -6.8730

Square

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



210.9490, -23.1459, -42.9283



173.4720, 40.1933, -152.1349



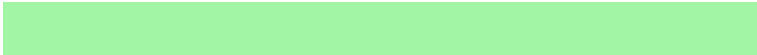
222.1280, 16.2059, 28.8287



211.2180, -30.6735, 38.3968

Rectangle

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



210.9490, -23.1459, -42.9283



175.8540, 34.0890, -154.2240



222.1280, 16.2059, 28.8287



209.4980, -1.7245, 39.9053

Sweetspot

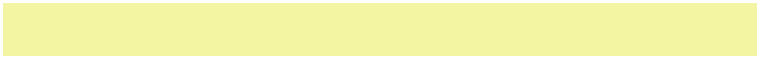
The Sweet Spot groups the original color and five complimentary colors.



210.9490, -23.1459, -42.9283



244.6750, -7.2348, -12.8700



235.2390, -36.1068, 7.6834



121.5060, -4.1935, -8.3368



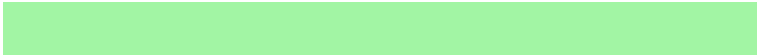
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



210.9490, -23.1459, -42.9283



211.9770, -29.0757, -54.3538



215.6230, -5.2371, -47.0274



117.0440, -3.4727, -6.1776



109.6380, -52.0795, -96.1525



34.7470, -16.6373, -30.4731

Inverse Universe

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



196.0510, 23.1459, 42.9283



193.0230, 29.0757, 54.3538



191.3770, 5.2371, 47.0274



114.9560, 3.4727, 6.1776



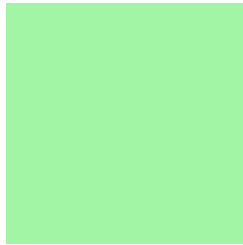
76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 210.9490, -23.1459, -42.9283 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 210.9490, -23.1459, -42.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

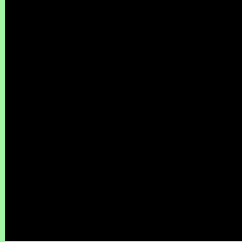
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

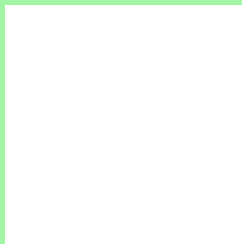
Any Text WCAG AAA ✓ Pass

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

YUV 210.9490, -23.1459, -42.9283 Background



This preview shows how black text looks on a background with the YUV color 210.9490, -23.1459, -42.9283.



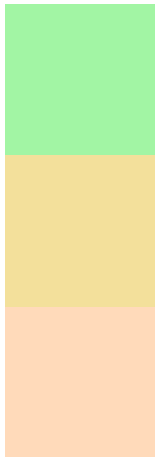
This preview shows how white text looks on a background with the YUV color 210.9490, -23.1459, -42.9283.

-42.9283.

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

210.9490, -23.1459, -42.9283

Protanopia

221.8150, -32.9398, 18.5792

Deuteranopia

225.4150, -19.4316, 25.9460



Tritanopia

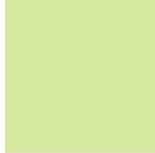
219.7210, 16.4065, -35.7123

Trichromacy



Original Color

210.9490, -23.1459, -42.9283



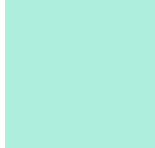
Protanomaly

218.1820, -29.6697, -3.6676



Deuteranomaly

220.2070, -20.8081, 0.6955



Tritanomaly

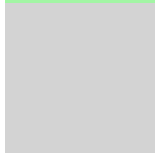
216.6270, 2.1559, -38.2609

Monochromacy



Original Color

210.9490, -23.1459, -42.9283



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.7240, -8.2449, -15.5439

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.9490, -23.1459, -42.9283 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(162, 245, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 245, 164)  
}
```

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(162, 245, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 245, 164) }
```

Border

The CSS property to change the border of an element to YUV 210.9490, -23.1459, -42.9283 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(162, 245, 164) }
```


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

```
.border{ border-color:rgb(162, 245, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 245, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 245, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 245, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 245,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 210.9490, -23.1459, -42.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 245, 164) }
```

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

```
.background{ background-color: rgb(162,  
245, 164) }
```

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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