

Converting Colors

YUV(229.4820, -68.2716,
10.9783)

Have a look what the booklet for
YUV(229.4820, -68.2716, 10.9783)
contains.

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Color

**YUV(229.4820, -68.2716,
10.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FA5B
RGB	242, 250, 91
RGB Percent	95%, 98%, 36%
CMY	0.0510, 0.0196, 0.6431
CMYK	0.03, 0.00, 0.64, 0.02
HSL	63°, 94%, 67%
HSV	63°, 64%, 98%
XYZ	72.6919, 88.0038, 23.0527
YIQ	229.4820, 46.2710, -51.1450

Conversions

Conversions Part 2

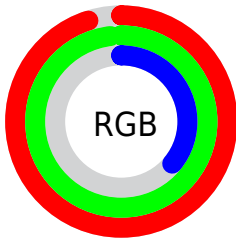
Format	Color
R _Y B	91, 250, 99
Decimal	15923803
CIE Lab	95.16, -21.90, 72.46
CIE LCh	95, 75.695, 106.817
Yxy	88.0038, 0.3956, 0.4789
Android (android.graphics.Color)	4294113883 (0xFFFF2FA5B)
YUV	229.4820, -68.2716, 10.9783
Hunter-Lab	93.8103, -25.8518, 51.0975

Details

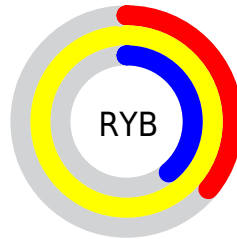
The YUV color **229.4820, -68.2716, 10.9783** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **111.5180, 68.2716, -10.9783**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8020, -46.7374, 10.6976**, and **171.5590, -71.7606, 10.0338** is the 20% darker color. If you saturate the color by 10%, you get **226.3330, -79.0442, 12.8630**, and if you desaturate by 10%, it is **232.6310, -57.4991, 9.0936**.

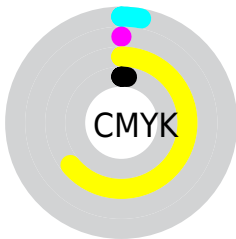
Distribution



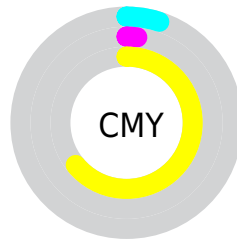
- Red (95%)
- Green (98%)
- Blue (36%)



- Red (36%)
- Yellow (98%)
- Blue (39%)



- Cyan (3%)
- Magenta (0%)
- Yellow (64%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.4820, -68.2716, 10.9783 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 229.4820, -68.2716, 10.9783 by changing the saturation by 10% instead.

229.4820,
-68.2716, 10.9783

229.4820,
-68.2716, 10.9783

255.0000, 0.0000,
0.0000

200.6560,
-68.8504, 9.9487

242.8020,
-46.7374, 10.6976

171.5590,
-71.7606, 10.0338

245.9940,
-34.5070, 7.8983

144.0750,
-71.0290, 8.7042

249.3000,
-21.8399, 4.9989

119.5550,
-58.9406, 4.7753

252.7200, -8.7360,
1.9996

96.8070, -47.7259,
1.0463

73.7600, -36.3637,
-3.2975

52.1860, -25.7277,

-8.0561

■ 31.1990, -15.3811,
-13.3295

■ 15.2620, -7.5242,
-13.3848

■ 229.4820,
-68.2716, 10.9783

■ 229.4820,
-68.2716, 10.9783

■ 226.3330,
-79.0442, 12.8630

■ 232.6310,
-57.4991, 9.0936

■ 222.8850,
-89.6693, 14.1329

■ 236.0790,
-46.8739, 7.8237

■ 219.7360,
-100.4418, 16.0175

■ 239.2280,
-36.1014, 5.9390

■ 217.6130,
-107.2832, 17.0024

■ 242.3770,
-25.3289, 4.0544

245.5260,
-14.5563, 2.1697

248.9740, -3.9312,
0.8998

250.8690, 2.0366,
0.1149

251.1680, 1.8892,
0.7297

251.4670, 1.7418,
1.3444

Harmonies

Analogous

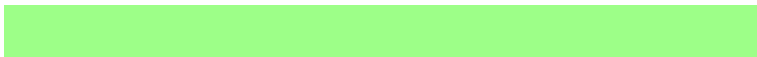
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.5090, -62.3689, 31.1256



229.4820, -68.2716, 10.9783



212.1320, -37.5331, -48.3508

Triad

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



229.4820, -68.2716, 10.9783



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099

Complementary

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



229.4820, -68.2716, 10.9783



111.5180, 68.2716, -10.9783

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.



225.6500, 14.4696, 25.7400



229.4820, -68.2716, 10.9783



178.7550, 37.5888, -156.7681

Square

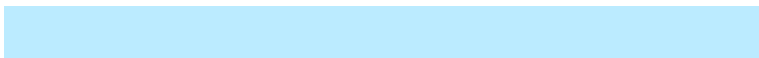
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4820, -68.2716, 10.9783



178.7550, 37.5888, -156.7681



222.9280, 15.8115, -31.5089



203.2860, -0.1410, 45.3532

Rectangle

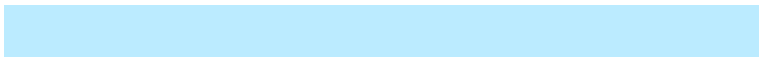
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4820, -68.2716, 10.9783



189.7540, -4.3157, -109.4093



222.9280, 15.8115, -31.5089



215.0840, 19.6786, 35.0063

Sweetspot

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



229.4820, -68.2716, 10.9783



248.9300, -20.6715, 3.5694



143.2370, -25.7528, 93.6312



123.9820, -12.8091, 1.7698



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.



229.4820, -68.2716, 10.9783



229.8940, -83.2647, 13.2480



205.8610, -56.6265, -37.5891



123.2190, -5.5310, 0.6849



164.4640, -81.0808, 12.7481



53.1490, -26.2025, 4.2543

Inverse Universe

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



111.5180, 68.2716, -10.9783



86.1060, 83.2647, -13.2480



135.1390, 56.6265, 37.5891



113.7810, 5.5310, -0.6849



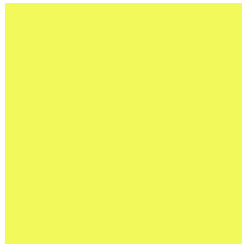
24.2370, 81.2282, -13.3628



7.8510, 26.2025, -4.2543

Previews

White Background



This preview shows how the YUV color 229.4820, -68.2716, 10.9783 looks on a white background.

Color Contrast Check

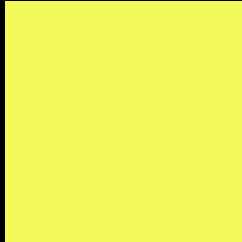
Large Text (above 18pt) WCAG AA × Fail

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 229.4820, -68.2716, 10.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

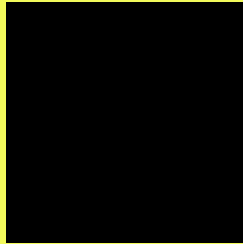
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.4820, -68.2716, 10.9783

Background



This preview shows how black text looks on a background with the YUV color 229.4820, -68.2716, 10.9783.

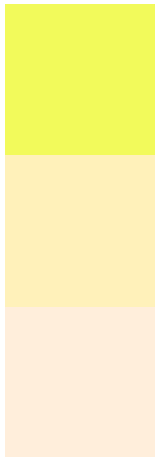


This preview shows how white text looks on a background with the YUV color 229.4820, -68.2716, 10.9783.

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

229.4820, -68.2716, 10.9783

Protanopia

238.9160, -26.0876, 14.1057

Deuteranopia

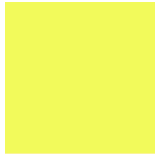
240.9170, -10.8051, 12.3508



Tritanopia

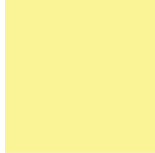
242.8040, 4.0406, 10.6959

Trichromacy



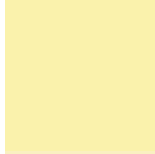
Original Color

229.4820, -68.2716, 10.9783



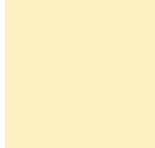
Protanomaly

235.1920, -41.5067, 12.9866



Deuteranomaly

236.4120, -31.7551, 11.9167



Tritanomaly

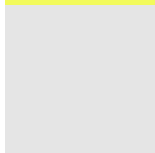
237.6320, -22.0036, 10.8467

Monochromacy



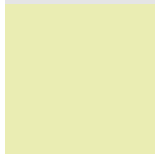
Original Color

229.4820, -68.2716, 10.9783



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

229.4910, -24.8921, 3.9544

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.4820, -68.2716, 10.9783 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(242, 250, 91)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 91)  
}
```

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(242, 250, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 91) }
```

Border

The CSS property to change the border of an element to YUV 229.4820, -68.2716, 10.9783 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(242, 250, 91) }
```


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

```
.border{ border-color:rgb(242, 250, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 91);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 229.4820, -68.2716, 10.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 91) }
```

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

```
.background{ background-color: rgb(242,  
250, 91) }
```

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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