

Converting Colors

YUV(232.9230, -70.4610,
13.2225)

Have a look what the booklet for
YUV(232.9230, -70.4610, 13.2225)
contains.

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Color

**YUV(232.9230, -70.4610,
13.2225)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FD5A
RGB	248, 253, 90
RGB Percent	97%, 99%, 35%
CMY	0.0275, 0.0078, 0.6471
CMYK	0.02, 0.00, 0.64, 0.01
HSL	62°, 98%, 67%
HSV	62°, 64%, 99%
XYZ	75.6821, 90.9452, 23.2382
YIQ	232.9230, 49.3430, -51.7530

Conversions

Conversions Part 2

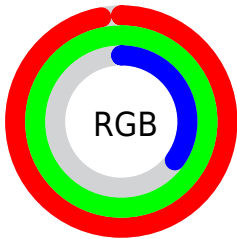
Format	Color
R _Y B	90, 253, 95
Decimal	16317786
CIE Lab	96.39, -20.99, 74.25
CIE LCh	96, 77.162, 105.788
Yxy	90.9452, 0.3986, 0.4790
Android (android.graphics.Color)	4294507866 (0xFFF8FD5A)
YUV	232.9230, -70.4610, 13.2225
Hunter-Lab	95.3652, -25.2309, 52.3081

Details

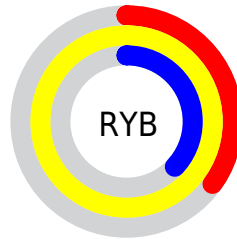
The YUV color **232.9230, -70.4610, 13.2225** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **110.0770, 70.4610, -13.2225**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6880, -47.1742, 10.7976**, and **174.3590, -75.1130, 11.9632** is the 20% darker color. If you saturate the color by 10%, you get **229.7740, -81.2336, 15.1072**, and if you desaturate by 10%, it is **236.0720, -59.6885, 11.3379**.

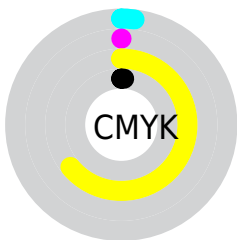
Distribution



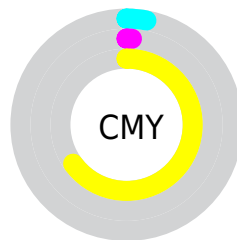
- Red (97%)
- Green (99%)
- Blue (35%)



- Red (35%)
- Yellow (99%)
- Blue (37%)



- Cyan (2%)
- Magenta (0%)
- Yellow (64%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9230, -70.4610, 13.2225 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 232.9230, -70.4610, 13.2225 by changing the saturation by 10% instead.

232.9230,
-70.4610, 13.2225

232.9230,
-70.4610, 13.2225

255.0000, 0.0000,
0.0000

203.5100,
-70.7504, 12.7077

242.6880,
-47.1742, 10.7976

174.3590,
-75.1130, 11.9632

245.9940,
-34.5070, 7.8983

146.7440,
-72.3448, 10.7485

249.3000,
-21.8399, 4.9989

122.8110,
-60.5458, 6.3048

252.6060, -9.1728,
2.0995

100.0630,
-49.3311, 2.5757

77.0160, -37.9689,
-1.7680

54.8550, -27.0435,

-6.0118

■ 33.8680, -16.6969,
-11.2852

■ 16.4360, -8.1029,
-14.4144

■ 232.9230,
-70.4610, 13.2225

■ 232.9230,
-70.4610, 13.2225

■ 229.7740,
-81.2336, 15.1072

■ 236.0720,
-59.6885, 11.3379

■ 226.5110,
-92.4429, 17.0919

■ 239.3350,
-48.4792, 9.3532

■ 223.6610,
-103.3629, 19.5913

■ 242.1850,
-37.5592, 6.8538

■ 221.7660,
-109.3306, 20.3762

■ 245.3340,
-26.7867, 4.9691

248.5970,
-15.5773, 2.9844

251.7460, -4.8048,
1.0998

253.2280, 0.8736,
-0.2000

253.5270, 0.7262,
0.4148

253.8260, 0.5788,
1.0296

Harmonies

Analogous

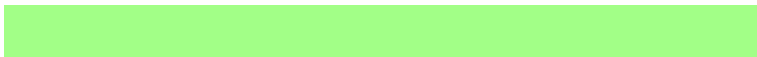
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.7970, -62.5109, 29.9960



232.9230, -70.4610, 13.2225



213.5130, -38.7069, -45.1769

Triad

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



232.9230, -70.4610, 13.2225



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655

Complementary

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



232.9230, -70.4610, 13.2225



110.0770, 70.4610, -13.2225

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.



227.4110, 13.6014, 24.1956



232.9230, -70.4610, 13.2225



178.7550, 37.5888, -156.7681

Square

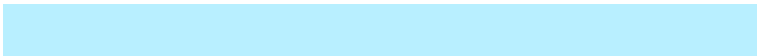
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.9230, -70.4610, 13.2225



178.7550, 37.5888, -156.7681



224.3790, 15.0962, -35.4124



205.0300, 1.4642, 43.8237

Rectangle

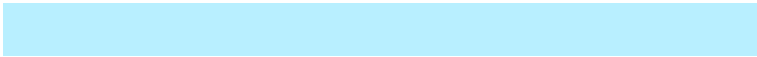
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.9230, -70.4610, 13.2225



191.1350, -5.4896, -106.2354



224.3790, 15.0962, -35.4124



216.8450, 18.8104, 33.4619

Sweetspot

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



232.9230, -70.4610, 13.2225



249.2290, -20.8189, 4.1842



140.4980, -24.8955, 98.6643



124.2810, -12.9565, 2.3846



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.



232.9230, -70.4610, 13.2225



230.8620, -84.7280, 15.9070



209.3020, -58.8159, -35.3449



126.2190, -5.5310, 0.6849



167.4320, -82.5440, 15.4071



56.1060, -27.6603, 5.1690

Inverse Universe

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



110.0770, 70.4610, -13.2225



83.1380, 84.7280, -15.9070



133.6980, 58.8159, 35.3449



116.4820, 5.6784, -1.2997



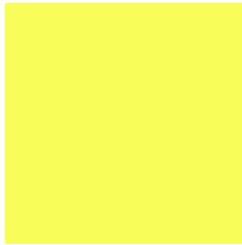
23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Previews

White Background



This preview shows how the YUV color 232.9230, -70.4610, 13.2225 looks on a white background.

Color Contrast Check

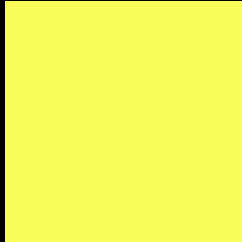
Large Text (above 18pt) WCAG AA × Fail

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 232.9230, -70.4610, 13.2225 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 232.9230, -70.4610, 13.2225

Background



This preview shows how black text looks on a background with the YUV color 232.9230, -70.4610, 13.2225.

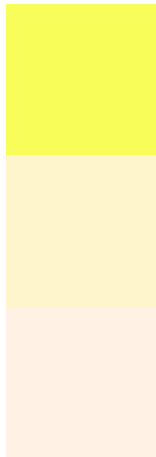


This preview shows how white text looks on a background with the YUV color 232.9230, -70.4610, 13.2225.

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

232.9230, -70.4610, 13.2225

Protanopia

243.4300, -18.9460, 10.1469

Deuteranopia

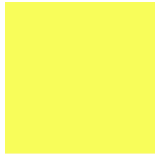
244.2910, -8.0315, 9.3918



Tritanopia

245.6250, 2.1569, 8.2219

Trichromacy



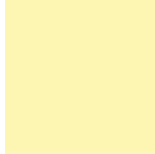
Original Color

232.9230, -70.4610, 13.2225



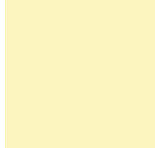
Protanomaly

239.5060, -37.7175, 10.9572



Deuteranomaly

240.0420, -30.5867, 10.4872



Tritanomaly

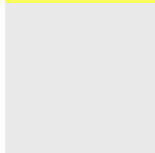
241.0510, -24.1821, 9.6023

Monochromacy



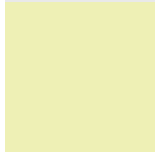
Original Color

232.9230, -70.4610, 13.2225



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.6760, -25.4763, 4.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9230, -70.4610, 13.2225 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(248, 253, 90)` looks like.

```
.text, #text, p{  
    color:rgb(248, 253, 90)  
}
```

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(248, 253, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 253, 90) }
```

Border

The CSS property to change the border of an element to YUV 232.9230, -70.4610, 13.2225 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(248, 253, 90) }
```


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

```
.border{ border-color:rgb(248, 253, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 253, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 253, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 253, 90);  
box-shadow:4px 4px 4px 4px rgb(248, 253,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 232.9230, -70.4610, 13.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 253, 90) }
```

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

```
.background{ background-color: rgb(248,  
253, 90) }
```

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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