

Converting Colors

YUV(233.2200, -47.4365,
1.5611)

Have a look what the booklet for
YUV(233.2200, -47.4365, 1.5611)
contains.

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Color

**YUV(233.2200, -47.4365,
1.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFB89
RGB	235, 251, 137
RGB Percent	92%, 98%, 54%
CMY	0.0784, 0.0157, 0.4627
CMYK	0.06, 0.00, 0.45, 0.02
HSL	68°, 93%, 76%
HSV	68°, 45%, 98%
XYZ	73.2735, 88.4627, 36.8800
YIQ	233.2200, 27.0580, -38.8460

Conversions

Conversions Part 2

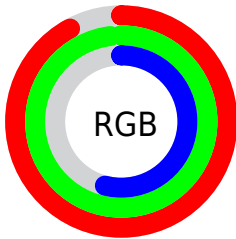
Format	Color
RYB	137, 251, 153
Decimal	15465353
CIELab	95.36, -21.52, 52.58
CIELCh	95, 56.810, 112.255
Yxy	88.4627, 0.3689, 0.4454
Android (android.graphics.Color)	4293655433 (0xFFE8FB89)
YUV	233.2200, -47.4365, 1.5611
Hunter-Lab	94.0546, -25.5346, 42.5899

Details

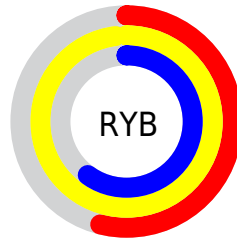
The YUV color $233.2200, -47.4365, 1.5611$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $154.7800, 47.4365, -1.5611$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $176.9640, -45.8313, 0.0316$ is the 20% darker color. If you saturate the color by 10%, you get $229.1740, -57.7668, 1.6014$, and if you desaturate by 10%, it is $237.2660, -37.1061, 1.5207$.

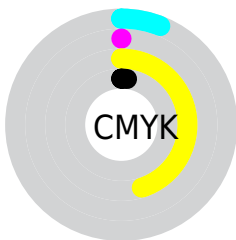
Distribution



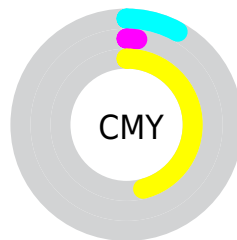
- Red (92%)
- Green (98%)
- Blue (54%)



- Red (54%)
- Yellow (98%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2200, -47.4365, 1.5611 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 233.2200, -47.4365, 1.5611 by changing the saturation by 10% instead.

233.2200,
-47.4365, 1.5611

233.2200,
-47.4365, 1.5611

255.0000, 0.0000,
0.0000

204.4480,
-46.5629, 1.3611

247.8180,
-27.5183, 6.2986

176.9640,
-45.8313, 0.0316

251.1240,
-14.8511, 3.3993

149.1920,
-44.9577, -0.1684

254.4300, -2.1840,
0.4999

122.6650,
-45.6838, -0.5832

95.9100, -47.2836,
-0.7981

74.0480, -36.5057,
-4.4271

52.4850, -25.8751,

-7.4413

■ 31.4980, -15.5285,
-12.7147

■ 15.8490, -7.8136,
-13.8996

■ 233.2200,
-47.4365, 1.5611

■ 233.2200,
-47.4365, 1.5611

■ 229.1740,
-57.7668, 1.6014

■ 237.2660,
-37.1061, 1.5207

■ 225.4270,
-68.2445, 2.2565

■ 241.0130,
-26.6284, 0.8656

■ 221.3810,
-78.5748, 2.2969

■ 245.0590,
-16.2981, 0.8253

■ 217.6340,
-89.0526, 2.9520

■ 248.8060, -5.8204,
0.1701

■ 213.5880,
-99.3829, 2.9923

■ 252.0540, 1.4524,
0.8296

■ 211.9210,
-104.4771, 3.5773

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

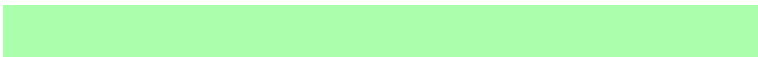
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5370, -48.0857, 23.2081



233.2200, -47.4365, 1.5611



220.4220, -23.8720, -43.3431

Triad

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



233.2200, -47.4365, 1.5611



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287

Complementary

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



233.2200, -47.4365, 1.5611



154.7800, 47.4365, -1.5611

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.



229.7590, 12.4438, 22.1364



233.2200, -47.4365, 1.5611



213.7710, 20.3259, -79.6062

Square

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



233.2200, -47.4365, 1.5611



178.7550, 37.5888, -156.7681



233.1160, 10.7888, -7.1177



216.7870, -6.7970, 33.5128

Rectangle

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



233.2200, -47.4365, 1.5611



208.4510, -1.2083, -79.3255



233.1160, 10.7888, -7.1177



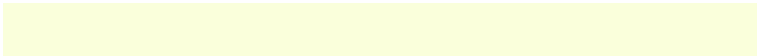
223.8890, 15.3377, 27.2843

Sweetspot

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



233.2200, -47.4365, 1.5611



249.4010, -14.9877, 0.5253



179.8910, -21.1453, 62.3626



124.2960, -9.0199, -0.2596



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

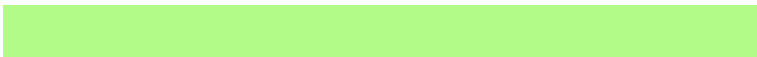
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2200, -47.4365, 1.5611



233.0600, -58.2036, 1.7014



216.4760, -39.1817, -32.8665



122.9200, -5.3836, 0.0702



159.3810, -78.5748, 2.2969



51.6540, -25.4654, 1.1804

Inverse Universe

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



154.7800, 47.4365, -1.5611



136.6410, 58.3510, -2.3162



171.5240, 39.1817, 32.8665



114.0800, 5.3836, -0.0702



29.3200, 78.7222, -2.9116



9.6450, 25.3180, -0.5657

Previews

White Background



This preview shows how the YUV color 233.2200, -47.4365, 1.5611 looks on a white background.

Color Contrast Check

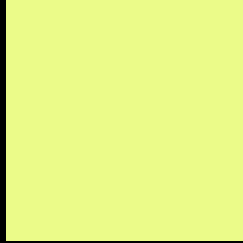
Large Text (above 18pt) WCAG AA × Fail

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 233.2200, -47.4365, 1.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

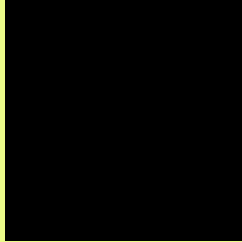
Any Text WCAG AA ✓ Pass

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 233.2200, -47.4365, 1.5611 Background



This preview shows how black text looks on a background with the YUV color 233.2200, -47.4365, 1.5611.

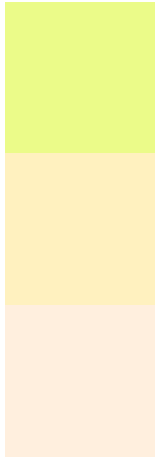


This preview shows how white text looks on a background with the YUV color 233.2200, -47.4365, 1.5611.

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

233.2200, -47.4365, 1.5611

Protanopia

239.4860, -23.9036, 13.6058

Deuteranopia

241.8460, -9.7841, 11.5361



Tritanopia

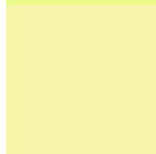
242.9280, 5.9515, 4.4481

Trichromacy



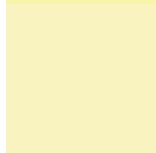
Original Color

233.2200, -47.4365, 1.5611



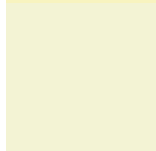
Protanomaly

237.4610, -32.7653, 9.2427



Deuteranomaly

238.5670, -23.4505, 8.2727



Tritanomaly

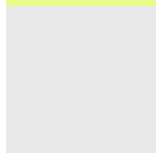
239.4660, -13.5407, 3.0993

Monochromacy



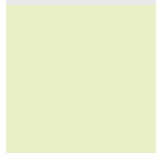
Original Color

233.2200, -47.4365, 1.5611



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

233.4180, -17.4611, 0.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2200, -47.4365, 1.5611 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(235, 251, 137)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 137)  
}
```

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(235, 251, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 137) }
```

Border

The CSS property to change the border of an element to YUV 233.2200, -47.4365, 1.5611 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(235, 251, 137) }
```


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

```
.border{ border-color:rgb(235, 251, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 251, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 251, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 251, 137); box-shadow:4px 4px 4px 4px rgb(235, 251, 137) }
```

Background

The CSS property to change the background color of an element to YUV 233.2200, -47.4365, 1.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 137) }
```

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

```
.background{ background-color: rgb(235,  
251, 137) }
```

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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