

Converting Colors

YUV(227.4550, -33.7483,
-2.1530)

Have a look what the booklet for
YUV(227.4550, -33.7483, -2.1530)
contains.

YUV(227.4550, -33.7483, -2.1530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(227.4550, -33.7483,
-2.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F29F
RGB	225, 242, 159
RGB Percent	88%, 95%, 62%
CMY	0.1176, 0.0510, 0.3765
CMYK	0.07, 0.00, 0.34, 0.05
HSL	72°, 76%, 79%
HSV	72°, 34%, 95%
XYZ	69.0615, 82.0150, 44.9914
YIQ	227.4550, 16.5110, -29.4170

Conversions

Conversions Part 2

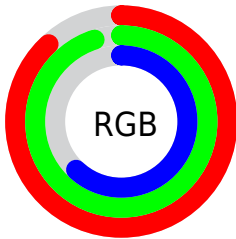
Format	Color
RYB	159, 242, 176
Decimal	14807711
CIELab	92.58, -18.52, 38.24
CIElCh	93, 42.491, 115.836
Yxy	82.0150, 0.3522, 0.4183
Android (android.graphics.Color)	4292997791 (0xFFE1F29F)
YUV	227.4550, -33.7483, -2.1530
Hunter-Lab	90.5621, -22.3620, 33.9381

Details

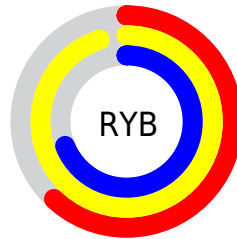
The YUV color $227.4550, -33.7483, -2.1530$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $173.5450, 33.7483, 2.1530$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $171.7970, -32.4379, -2.4530$ is the 20% darker color. If you saturate the color by 10%, you get $223.2240, -43.4944, -2.8274$, and if you desaturate by 10%, it is $231.6860, -24.0022, -1.4786$.

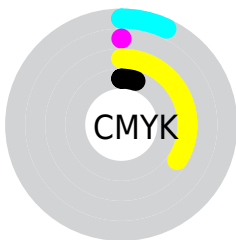
Distribution



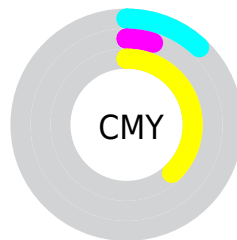
- Red (88%)
- Green (95%)
- Blue (62%)



- Red (62%)
- Yellow (95%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4550, -33.7483, -2.1530 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 227.4550, -33.7483, -2.1530 by changing the saturation by 10% instead.

■ 227.4550,
-33.7483, -2.1530

■ 227.4550,
-33.7483, -2.1530

255.0000, 0.0000,
0.0000

■ 199.5690,
-33.3115, -2.2530

■ 250.3260,
-17.9087, 4.0991

■ 171.7970,
-32.4379, -2.4530

■ 253.6320, -5.2416,
1.1997

■ 145.0250,
-31.5643, -2.6529

■ 118.9540,
-30.5433, -3.4677

■ 93.6550, -30.3959,
-4.0824

■ 68.7260, -31.4169,
-3.2677

■ 47.7780, -23.5546,

-5.0673

■ 27.0900, -13.3554,
-9.7259

■ 9.3920, -4.6303,
-8.2368

■ 227.4550,
-33.7483, -2.1530

■ 227.4550,
-33.7483, -2.1530

■ 223.2240,
-43.4944, -2.8274

■ 231.6860,
-24.0022, -1.4786

■ 218.9930,
-53.2405, -3.5019

■ 235.9170,
-14.2561, -0.8042

■ 214.6480,
-63.4235, -4.0763

■ 240.2620, -4.0732,
-0.2298

■ 210.4170,
-73.1696, -4.7507

■ 244.3790, 5.2362,
0.5446

■ 206.1860,
-82.9157, -5.4251

■ 245.8740, 4.4991,
3.6185

■ 201.9550,
-92.6618, -6.0995

■ 247.3690, 3.7621,
6.6924

■ 199.4620,
-98.3348, -6.5442

Harmonies

Analogous

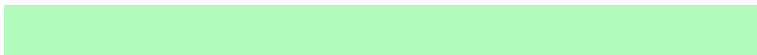
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.9960, -37.4660, 23.6825



227.4550, -33.7483, -2.1530



221.5780, -17.0470, -39.0949

Triad

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



227.4550, -33.7483, -2.1530



208.4110, 22.9684, -87.1834



222.8800, 8.9332, 28.1692

Complementary

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



227.4550, -33.7483, -2.1530



173.5450, 33.7483, 2.1530

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.



229.1720, 12.7332, 22.6512



227.4550, -33.7483, -2.1530



219.8940, 17.3073, -44.6340

Square

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



227.4550, -33.7483, -2.1530



205.9640, 24.1747, -100.8234



230.2140, 12.2195, 0.6893



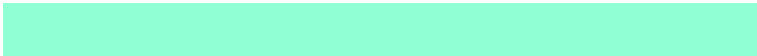
219.3800, -9.5543, 31.2387

Rectangle

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



227.4550, -33.7483, -2.1530



216.9090, -2.4201, -63.9412



230.2140, 12.2195, 0.6893



225.6500, 14.4696, 25.7400

Sweetspot

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



227.4550, -33.7483, -2.1530



250.6550, -10.1829, -0.5744



193.7960, -17.1544, 42.2749



124.9800, -6.3991, -0.8595



0.0000, 0.0000, 0.0000



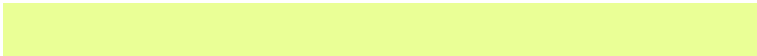
128.0000, 0.0000, 0.0000

Same Dimension

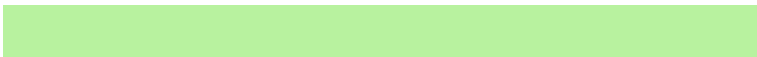
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.4550, -33.7483, -2.1530



236.7510, -42.7682, -2.4126



215.1960, -27.7046, -27.3589



117.7350, -4.7994, -0.6446



151.6620, -74.7694, -4.9656



46.3270, -22.8392, -1.1638

Inverse Universe

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



173.5450, 33.7483, 2.1530



168.5480, 42.6208, 3.0274



185.8040, 27.7046, 27.3589



109.9660, 4.9468, 0.0298



32.3380, 74.7694, 4.9656



9.6730, 22.8392, 1.1638

Previews

White Background



This preview shows how the YUV color 227.4550, -33.7483, -2.1530 looks on a white background.

Color Contrast Check

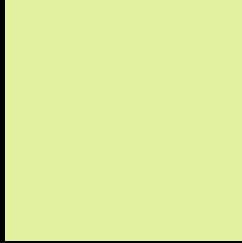
Large Text (above 18pt) WCAG AA × Fail

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 227.4550, -33.7483, -2.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

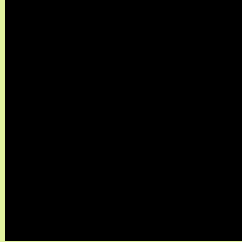
Any Text WCAG AA ✓ Pass

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 227.4550, -33.7483, -2.1530 Background



This preview shows how black text looks on a background with the YUV color 227.4550, -33.7483, -2.1530.



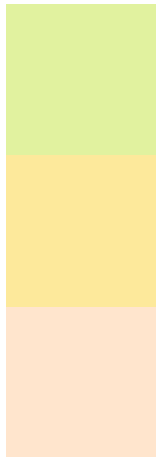
This preview shows how white text looks on a background with the YUV color 227.4550, -33.7483, -2.1530.

-2.1530.

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

227.4550, -33.7483, -2.1530

Protanopia

230.0880, -37.0184, 20.0938

Deuteranopia

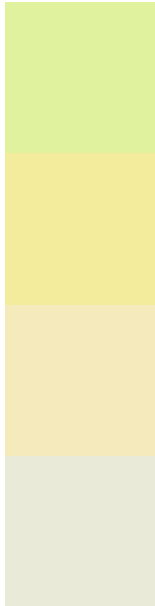
234.0380, -14.3157, 18.3837



Tritanopia

234.8460, 6.9779, 1.8891

Trichromacy



Original Color

227.4550, -33.7483, -2.1530

Protanomaly

228.9730, -35.9757, 12.3017

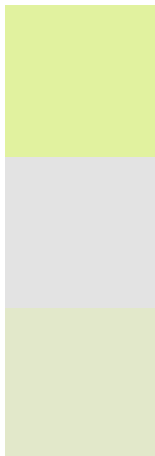
Deuteranomaly

231.7460, -21.5668, 10.7468

Tritanomaly

232.2360, -8.0043, 0.6700

Monochromacy



Original Color

227.4550, -33.7483, -2.1530

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.7860, -12.2195, -0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4550, -33.7483, -2.1530 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(225, 242, 159)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 159)  
}
```

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(225, 242, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 159) }
```

Border

The CSS property to change the border of an element to YUV 227.4550, -33.7483, -2.1530 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(225, 242, 159) }
```


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

```
.border{ border-color:rgb(225, 242, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 159);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 227.4550, -33.7483, -2.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 159) }
```

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

```
.background{ background-color: rgb(225,  
242, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor