

Converting Colors

YUV(229.6550, -30.3959,
-4.0824)

Have a look what the booklet for
YUV(229.6550, -30.3959, -4.0824)
contains.

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Color

**YUV(229.6550, -30.3959,
-4.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F4A8
RGB	225, 244, 168
RGB Percent	88%, 96%, 66%
CMY	0.1176, 0.0431, 0.3412
CMYK	0.08, 0.00, 0.31, 0.04
HSL	75°, 78%, 81%
HSV	75°, 31%, 96%
XYZ	70.4699, 83.5361, 49.4557
YIQ	229.6550, 13.0720, -27.6640

Conversions

Conversions Part 2

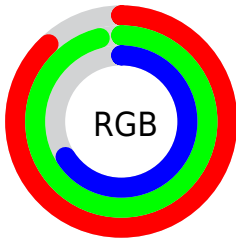
Format	Color
RYB	168, 244, 187
Decimal	14808232
CIELab	93.25, -18.36, 34.62
CIElCh	93, 39.187, 117.934
Yxy	83.5361, 0.3464, 0.4106
Android (android.graphics.Color)	4292998312 (0xFFE1F4A8)
YUV	229.6550, -30.3959, -4.0824
Hunter-Lab	91.3981, -22.3192, 31.8967

Details

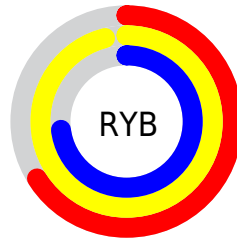
The YUV color $229.6550, -30.3959, -4.0824$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $182.3450, 30.3959, 4.0824$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4660, -13.5407, 3.0993$, and $173.9970, -29.0855, -4.3824$ is the 20% darker color. If you saturate the color by 10%, you get $225.1250, -39.9946, -5.3716$, and if you desaturate by 10%, it is $234.1850, -20.7972, -2.7932$.

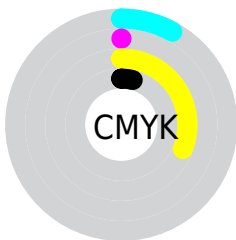
Distribution



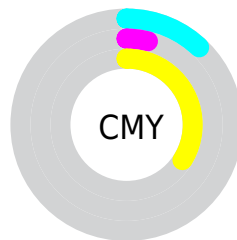
- Red (88%)
- Green (96%)
- Blue (66%)



- Red (66%)
- Yellow (96%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6550, -30.3959, -4.0824 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 229.6550, -30.3959, -4.0824 by changing the saturation by 10% instead.

■ 229.6550,
-30.3959, -4.0824

■ 229.6550,
-30.3959, -4.0824

■ 255.0000, 0.0000,
0.0000

■ 201.7690,
-29.9591, -4.1824

■ 251.4660,
-13.5407, 3.0993

■ 173.9970,
-29.0855, -4.3824

■ 254.7720, -0.8736,
0.2000

■ 147.2250,
-28.2119, -4.5823

■ 121.3390,
-27.7751, -4.6823

■ 95.6810, -26.4647,
-4.9822

■ 71.2680, -26.7541,
-5.4970

■ 48.9520, -24.1333,

-6.0969

■ 28.8620, -14.2290,
-9.5260

■ 11.1530, -5.4984,
-9.7812

■ 229.6550,
-30.3959, -4.0824

■ 229.6550,
-30.3959, -4.0824

■ 225.1250,
-39.9946, -5.3716

■ 234.1850,
-20.7972, -2.7932

■ 220.4810,
-50.0301, -6.5608

■ 238.8290,
-10.7617, -1.6040

■ 215.9510,
-59.6288, -7.8500

■ 243.3590, -1.1630,
-0.3148

■ 211.3070,
-69.6644, -9.0392

■ 246.7490, 4.0677,
1.9741

■ 206.4780,
-79.1157, -10.9432

■ 248.5430, 3.1833,
5.6628

■ 201.9480,
-88.7144, -12.2324

■ 197.9450,
-97.5869, -13.1068

Harmonies

Analogous

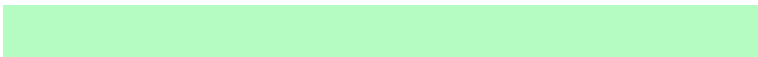
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.6690, -34.8398, 21.3383



229.6550, -30.3959, -4.0824



224.1590, -14.8684, -37.8504

Triad

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



229.6550, -30.3959, -4.0824



214.6900, 19.8728, -74.2731



225.7010, 7.0494, 25.6952

Complementary

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



229.6550, -30.3959, -4.0824



182.3450, 30.3959, 4.0824

Split Complementary

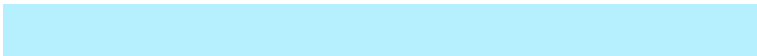
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9330, 11.8650, 21.1068



229.6550, -30.3959, -4.0824



224.3680, 15.1016, -37.1567

Square

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



229.6550, -30.3959, -4.0824



212.2430, 21.0792, -87.9131



233.1820, 10.7563, 3.3484



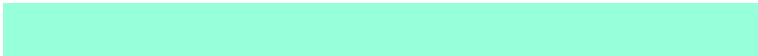
222.5430, -10.1277, 28.4648

Rectangle

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



229.6550, -30.3959, -4.0824



220.0990, -0.5418, -59.7228



233.1820, 10.7563, 3.3484



227.7700, 12.4384, 23.8807

Sweetspot

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



229.6550, -30.3959, -4.0824



250.5840, -9.1619, -1.3892



201.8770, -16.7014, 36.9419



125.0940, -5.9623, -0.9594



0.0000, 0.0000, 0.0000



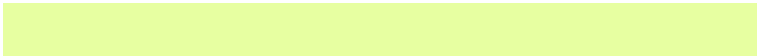
128.0000, 0.0000, 0.0000

Same Dimension

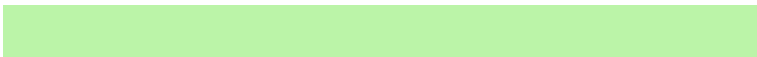
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.6550, -30.3959, -4.0824



237.1080, -37.5212, -5.3567



218.2930, -24.7944, -27.4440



119.7350, -4.7994, -0.6446



151.0420, -74.4637, -9.6838



47.7890, -23.5600, -3.3230

Inverse Universe

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



182.3450, 30.3959, 4.0824



178.5930, 37.6687, 4.7419



193.7070, 24.7944, 27.4440



112.2650, 4.7994, 0.6446



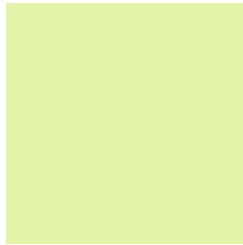
35.2570, 74.3163, 10.2986



11.2110, 23.5600, 3.3230

Previews

White Background



This preview shows how the YUV color 229.6550, -30.3959, -4.0824 looks on a white background.

Color Contrast Check

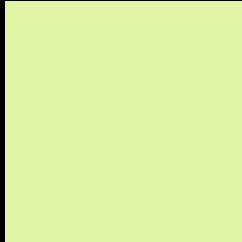
Large Text (above 18pt) WCAG AA × Fail

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 229.6550, -30.3959, -4.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

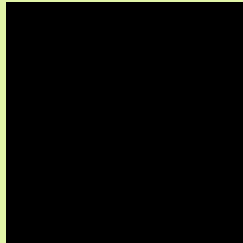
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

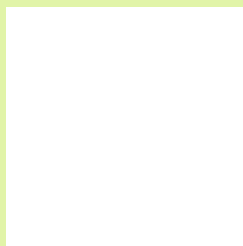
Any Text WCAG AAA ✓ Pass

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

YUV 229.6550, -30.3959, -4.0824 Background



This preview shows how black text looks on a background with the YUV color 229.6550, -30.3959, -4.0824.



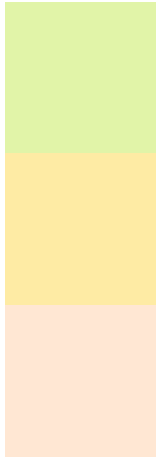
This preview shows how white text looks on a background with the YUV color 229.6550, -30.3959, -4.0824.

-4.0824.

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

229.6550, -30.3959, -4.0824

Protanopia

232.5870, -33.8134, 18.7792

Deuteranopia

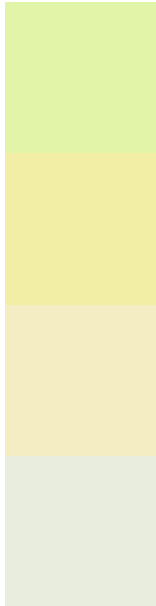
235.8960, -12.2737, 16.7542



Tritanopia

236.0630, 7.8569, -0.0553

Trichromacy



Original Color

229.6550, -30.3959, -4.0824

Protanomaly

231.1730, -32.6233, 10.3723

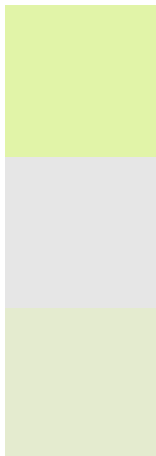
Deuteranomaly

233.7180, -19.0880, 9.0173

Tritanomaly

233.6810, -6.2517, -1.4742

Monochromacy



Original Color

229.6550, -30.3959, -4.0824

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.7150, -11.1985, -1.5041

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6550, -30.3959, -4.0824 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, 244, 168)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 168)  
}
```

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, 244, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 168) }
```

Border

The CSS property to change the border of an element to YUV 229.6550, -30.3959, -4.0824 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, 244, 168) }
```


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

```
.border{ border-color:rgb(225, 244, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 244, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 244, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 244, 168); box-shadow:4px 4px 4px 4px rgb(225, 244, 168) }
```

Background

The CSS property to change the background color of an element to YUV 229.6550, -30.3959, -4.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 168) }
```

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

```
.background{ background-color: rgb(225,  
244, 168) }
```

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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