

Converting Colors

YUV(229.6940, -36.3311,
-13.7636)

Have a look what the booklet for
YUV(229.6940, -36.3311, -13.7636)
contains.

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Color

**YUV(229.6940, -36.3311,
-13.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FC9C
RGB	214, 252, 156
RGB Percent	84%, 99%, 61%
CMY	0.1608, 0.0118, 0.3882
CMYK	0.15, 0.00, 0.38, 0.01
HSL	84°, 94%, 80%
HSV	84°, 38%, 99%
XYZ	68.5427, 86.3172, 44.5008
YIQ	229.6940, 8.1680, -37.9120

Conversions

Conversions Part 2

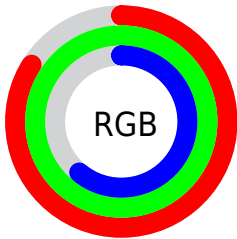
Format	Color
RYB	156, 252, 194
Decimal	14089372
CIELab	94.45, -27.69, 42.00
CIElCh	94, 50.311, 123.393
Yxy	86.3172, 0.3438, 0.4330
Android (android.graphics.Color)	4292279452 (0xFFD6FC9C)
YUV	229.6940, -36.3311, -13.7636
Hunter-Lab	92.9071, -30.8980, 36.6361

Details

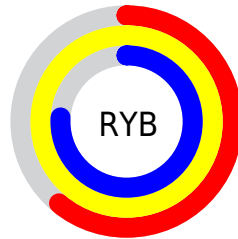
The YUV color $229.6940, -36.3311, -13.7636$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $178.3060, 36.3311, 13.7636$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9840, -19.2191, 4.3990$, and $173.4490, -34.7314, -13.5488$ is the 20% darker color. If you saturate the color by 10%, you get $223.8540, -45.7770, -17.4120$, and if you desaturate by 10%, it is $235.5340, -26.8853, -10.1153$.

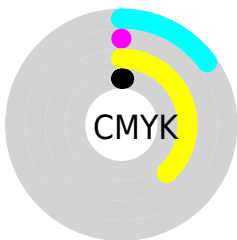
Distribution



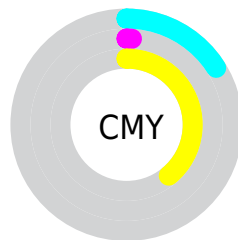
- Red (84%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6940, -36.3311, -13.7636 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 229.6940, -36.3311, -13.7636 by changing the saturation by 10% instead.

■ 229.6940,
-36.3311, -13.7636

■ 229.6940,
-36.3311, -13.7636

255.0000, 0.0000,
0.0000

■ 201.2210,
-35.6050, -13.3488

■ 249.9840,
-19.2191, 4.3990

■ 173.4490,
-34.7314, -13.5488

■ 253.2900, -6.5520,
1.4997

■ 146.6770,
-33.8578, -13.7487

■ 119.9050,
-32.9842, -13.9487

■ 94.7910, -33.4210,
-13.8487

■ 69.2640, -34.1472,
-14.2635

■ 48.0000, -23.6640,

-16.6630

■ 26.4150, -13.0226,
-23.1660

■ 14.0880, -6.9454,
-12.3552

■ 229.6940,
-36.3311, -13.7636

■ 229.6940,
-36.3311, -13.7636

■ 223.8540,
-45.7770, -17.4120

■ 235.5340,
-26.8853, -10.1153

■ 218.0140,
-55.2229, -21.0603

■ 241.3740,
-17.4394, -6.4670

■ 212.0600,
-65.1056, -24.6086

■ 247.3280, -7.5567,
-2.9187

■ 206.2200,
-74.5515, -28.2569

■ 252.9400, 1.0156,
0.9296

■ 200.3800,
-83.9973, -31.9053

■ 253.2390, 0.8682,
1.5444

■ 194.5400,
-93.4432, -35.5536

■ 193.3720,
-95.3324, -36.2832

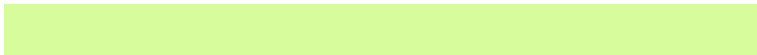
Harmonies

Analogous

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



232.0250, -44.8753, 20.1491



229.6940, -36.3311, -13.7636



218.1460, -11.9040, -55.3790

Triad

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



229.6940, -36.3311, -13.7636



203.5720, 25.3540, -105.7416



221.0220, 6.8912, 29.7987

Complementary

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



229.6940, -36.3311, -13.7636



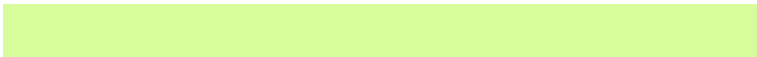
178.3060, 36.3311, 13.7636

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



229.6940, -36.3311, -13.7636



223.7480, 15.4072, -41.8750

Square

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



229.6940, -36.3311, -13.7636



178.7550, 37.5888, -156.7681



235.9060, 9.4133, 14.1144



218.5990, -15.0853, 31.9237

Rectangle

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



229.6940, -36.3311, -13.7636



208.0400, 8.8543, -86.8581



235.9060, 9.4133, 14.1144



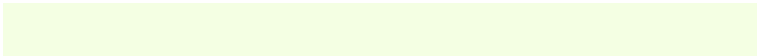
223.5470, 14.0273, 27.5843

Sweetspot

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



229.6940, -36.3311, -13.7636



248.5190, -10.6089, -3.9632



206.4230, -24.8585, 39.9710



123.9690, -6.3937, -2.6038



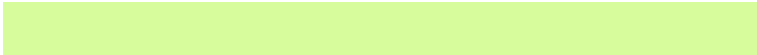
0.0000, 0.0000, 0.0000



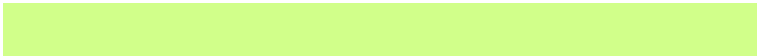
128.0000, 0.0000, 0.0000

Same Dimension

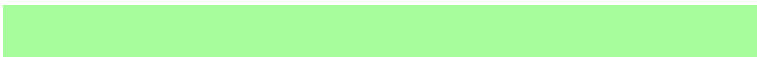
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.6940, -36.3311, -13.7636



227.9080, -44.3246, -16.5823



215.6410, -29.4030, -42.6582



122.0230, -4.9413, -1.7742



145.0290, -71.4993, -27.2124



46.8700, -23.1069, -8.6560

Inverse Universe

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



178.3060, 36.3311, 13.7636



165.0920, 44.3246, 16.5823



192.3590, 29.4030, 42.6582



114.9770, 4.9413, 1.7742



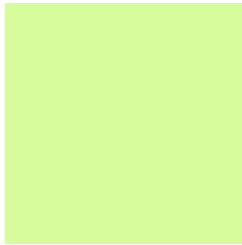
43.9710, 71.4993, 27.2124



14.1300, 23.1069, 8.6560

Previews

White Background



This preview shows how the YUV color 229.6940, -36.3311, -13.7636 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 229.6940, -36.3311, -13.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

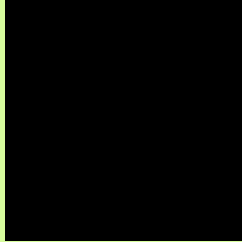
Any Text WCAG AA ✓ Pass

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 229.6940, -36.3311, -13.7636 Background



This preview shows how black text looks on a background with the YUV color 229.6940, -36.3311, -13.7636.



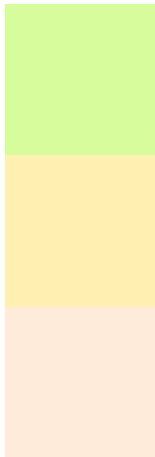
This preview shows how white text looks on a background with the YUV color 229.6940, -36.3311, -13.7636.

-13.7636.

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

229.6940, -36.3311, -13.7636

Protanopia

236.6020, -29.8768, 16.1350

Deuteranopia

238.9280, -10.8105, 14.0951



Tritanopia

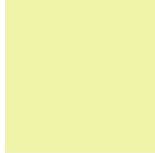
238.1330, 8.3154, -7.1326

Trichromacy



Original Color

229.6940, -36.3311, -13.7636



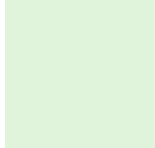
Protanomaly

234.2540, -32.1702, 5.0392



Deuteranomaly

235.4570, -19.9453, 3.9842



Tritanomaly

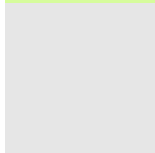
235.1700, -7.9718, -9.7961

Monochromacy



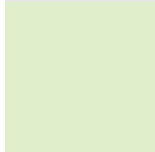
Original Color

229.6940, -36.3311, -13.7636



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6940, -36.3311, -13.7636 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(214, 252, 156)` looks like.

```
.text, #text, p{  
    color:rgb(214, 252, 156)  
}
```

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(214, 252, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 252, 156) }
```

Border

The CSS property to change the border of an element to YUV 229.6940, -36.3311, -13.7636 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(214, 252, 156) }
```


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

```
.border{ border-color:rgb(214, 252, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 252, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 252, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 252, 156);  
box-shadow:4px 4px 4px 4px rgb(214, 252,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 229.6940, -36.3311, -13.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 252, 156) }
```

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

```
.background{ background-color: rgb(214,  
252, 156) }
```

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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