

Converting Colors

YUV(234.5980, -57.4828,
3.8606)

Have a look what the booklet for
YUV(234.5980, -57.4828, 3.8606)
contains.

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Color

**YUV(234.5980, -57.4828,
3.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF76
RGB	239, 255, 118
RGB Percent	94%, 100%, 46%
CMY	0.0627, 0.0000, 0.5373
CMYK	0.06, 0.00, 0.54, 0.00
HSL	67°, 100%, 73%
HSV	67°, 54%, 100%
XYZ	74.6266, 91.1787, 30.8056
YIQ	234.5980, 34.4410, -45.9990

Conversions

Conversions Part 2

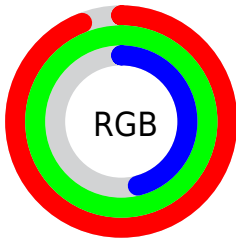
Format	Color
R _Y B	118, 255, 134
Decimal	15728502
CIE Lab	96.48, -23.57, 62.64
CIE LCh	96, 66.930, 110.622
Yxy	91.1787, 0.3796, 0.4638
Android (android.graphics.Color)	4293918582 (0xFFEFFF76)
YUV	234.5980, -57.4828, 3.8606
Hunter-Lab	95.4876, -27.5997, 47.7135

Details

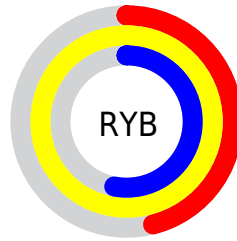
The YUV color **234.5980, -57.4828, 3.8606** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **138.4020, 57.4828, -3.8606**, and the grayscale version is **235.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7660, -35.3806, 8.0982**, and **177.5270, -56.4618, 3.0458** is the 20% darker color. If you saturate the color by 10%, you get **230.8510, -67.9605, 4.5157**, and if you desaturate by 10%, it is **238.4590, -46.5683, 3.1055**.

Distribution



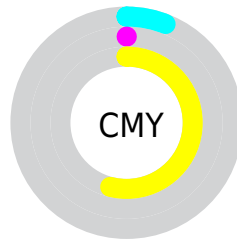
- Red (94%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.5980, -57.4828, 3.8606 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 234.5980, -57.4828, 3.8606 by changing the saturation by 10% instead.

234.5980,
-57.4828, 3.8606

234.5980,
-57.4828, 3.8606

255.0000, 0.0000,
0.0000

205.8260,
-56.6092, 3.6606

245.7660,
-35.3806, 8.0982

177.5270,
-56.4618, 3.0458

248.9580,
-23.1503, 5.2988

149.4730,
-57.9142, 2.2162

252.2640,
-10.4832, 2.3995

122.1910,
-60.2402, 1.5865

98.8560, -48.7360,
-1.6277

76.4070, -37.6687,
-4.7419

54.5340, -26.8853,

-10.1153

■ 32.9600, -16.2493,
-14.8739

■ 17.0230, -8.3923,
-14.9292

■ 234.5980,
-57.4828, 3.8606

■ 234.5980,
-57.4828, 3.8606

■ 230.8510,
-67.9605, 4.5157

■ 238.4590,
-46.5683, 3.1055

■ 226.9900,
-78.8751, 5.2708

■ 242.2060,
-36.0906, 2.4503

■ 223.2430,
-89.3528, 5.9259

■ 246.0670,
-25.1760, 1.6952

■ 219.3820,
-100.2673, 6.6810

■ 249.8140,
-14.6983, 1.0401

■ 216.9600,
-106.9613, 7.0511

■ 253.6750, -3.7838,
0.2850

255.0000, 0.0000,
0.0000

Harmonies

Analogous

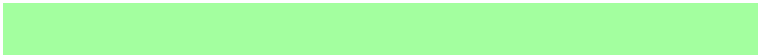
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.4850, -55.9481, 25.0077



234.5980, -57.4828, 3.8606



216.5480, -28.3712, -46.9616

Triad

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



234.5980, -57.4828, 3.8606



178.7550, 37.5888, -156.7681



218.0190, 18.2316, 32.4323

Complementary

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



234.5980, -57.4828, 3.8606



138.4020, 57.4828, -3.8606

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.



228.5850, 13.0226, 23.1660



234.5980, -57.4828, 3.8606



193.1070, 30.5132, -127.2588

Square

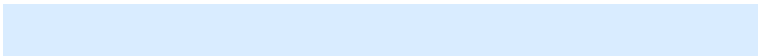
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.5980, -57.4828, 3.8606



178.7550, 37.5888, -156.7681



232.4850, 11.0999, -13.5803



212.0910, -4.4819, 37.6312

Rectangle

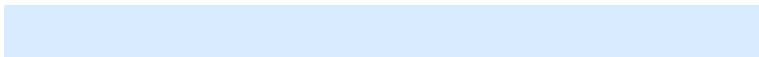
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.5980, -57.4828, 3.8606



199.3950, 0.2983, -95.9394



232.4850, 11.0999, -13.5803



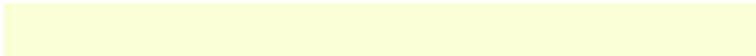
220.3670, 17.0741, 30.3731

Sweetspot

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



234.5980, -57.4828, 3.8606



248.8310, -17.1717, 1.0252



168.3550, -24.8250, 75.9877



124.2530, -10.4777, 0.6551



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.



234.5980, -57.4828, 3.8606



230.7370, -68.3973, 4.6157



214.2660, -47.4591, -37.9443



125.9200, -5.3836, 0.0702



162.6480, -80.1855, 5.5707



54.3120, -26.7758, 1.4804

Inverse Universe

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



138.4020, 57.4828, -3.8606



116.2630, 68.3973, -4.6157



158.7340, 47.4591, 37.9443



116.7810, 5.5310, -0.6849



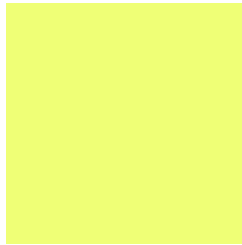
28.3520, 80.1855, -5.5707



9.3890, 26.9232, -2.0952

Previews

White Background



This preview shows how the YUV color 234.5980, -57.4828, 3.8606 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 234.5980, -57.4828, 3.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

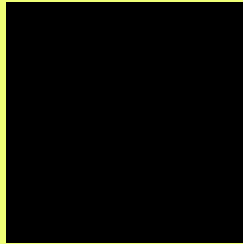
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.5980, -57.4828, 3.8606

Background



This preview shows how black text looks on a background with the YUV color 234.5980, -57.4828, 3.8606.

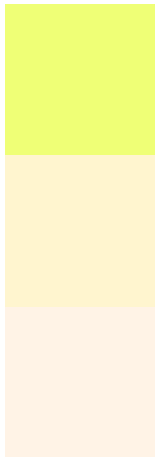


This preview shows how white text looks on a background with the YUV color 234.5980, -57.4828, 3.8606.

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

234.5980, -57.4828, 3.8606

Protanopia

243.6580, -18.0724, 9.9469

Deuteranopia

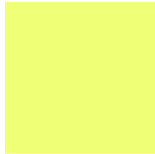
245.1060, -7.4473, 8.6770



Tritanopia

245.8850, 4.4937, 5.3629

Trichromacy



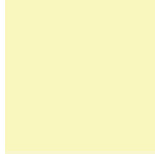
Original Color

234.5980, -57.4828, 3.8606



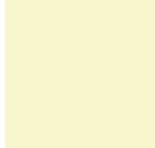
Protanomaly

240.5640, -32.3231, 7.3984



Deuteranomaly

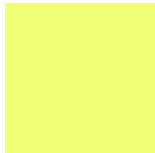
240.9860, -25.6291, 7.0283



Tritanomaly

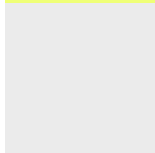
241.6250, -18.0561, 4.7139

Monochromacy



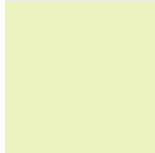
Original Color

234.5980, -57.4828, 3.8606



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

234.5060, -20.9555, 1.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.5980, -57.4828, 3.8606 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(239, 255, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 118)  
}
```

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(239, 255, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 118) }
```

Border

The CSS property to change the border of an element to YUV 234.5980, -57.4828, 3.8606 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(239, 255, 118) }
```


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

```
.border{ border-color:rgb(239, 255, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 234.5980, -57.4828, 3.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 118) }
```

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

```
.background{ background-color: rgb(239,  
255, 118) }
```

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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