

Converting Colors

YUV(237.1580, -40.0109,
-0.1386)

Have a look what the booklet for
YUV(237.1580, -40.0109, -0.1386)
contains.

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Color

**YUV(237.1580, -40.0109,
-0.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFD9C
RGB	237, 253, 156
RGB Percent	93%, 99%, 61%
CMY	0.0706, 0.0078, 0.3882
CMYK	0.06, 0.00, 0.38, 0.01
HSL	70°, 96%, 80%
HSV	70°, 38%, 99%
XYZ	76.0511, 90.6554, 44.9424
YIQ	237.1580, 21.6010, -33.5590

Conversions

Conversions Part 2

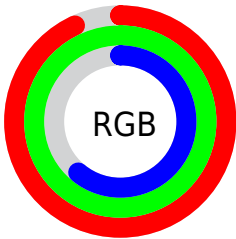
Format	Color
RYB	156, 253, 172
Decimal	15596956
CIELab	96.27, -19.73, 44.65
CIELCh	96, 48.817, 113.835
Yxy	90.6554, 0.3593, 0.4283
Android (android.graphics.Color)	4293787036 (0xFFEDFD9C)
YUV	237.1580, -40.0109, -0.1386
Hunter-Lab	95.2131, -24.0468, 38.6632

Details

The YUV color $237.1580, -40.0109, -0.1386$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $171.8420, 40.0109, 0.1386$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $180.6140, -38.2637, -0.5385$ is the 20% darker color. If you saturate the color by 10%, you get $233.1120, -50.3412, -0.0982$, and if you desaturate by 10%, it is $241.2040, -29.6806, -0.1789$.

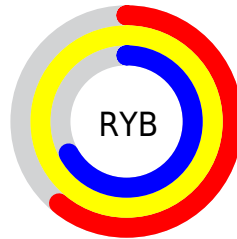
Distribution



Red (93%)

Green (99%)

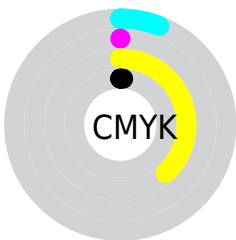
Blue (61%)



Red (61%)

Yellow (99%)

Blue (67%)

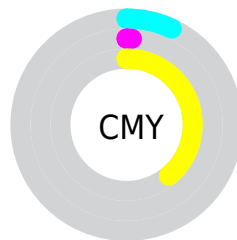


Cyan (6%)

Magenta (0%)

Yellow (38%)

Black (1%)



Cyan (7%)

Magenta (1%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.1580, -40.0109, -0.1386 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 237.1580, -40.0109, -0.1386 by changing the saturation by 10% instead.

237.1580,
-40.0109, -0.1386

237.1580,
-40.0109, -0.1386

255.0000, 0.0000,
0.0000

208.3860,
-39.1373, -0.3385

250.0980,
-18.7823, 4.2991

180.6140,
-38.2637, -0.5385

253.2900, -6.5520,
1.4997

153.5430,
-37.2427, -1.3532

127.2440,
-37.0953, -1.9680

101.2440,
-37.0953, -1.9680

75.8310, -37.3847,
-2.4828

55.1540, -27.1909,

-5.3971

■ 33.8790, -16.7023,
-9.5409

■ 16.4360, -8.1029,
-14.4144

■ 237.1580,
-40.0109, -0.1386

■ 237.1580,
-40.0109, -0.1386

■ 233.1120,
-50.3412, -0.0982

■ 241.2040,
-29.6806, -0.1789

■ 228.9520,
-61.1083, 0.0421

■ 245.3640,
-18.9135, -0.3192

■ 224.6070,
-71.2913, -0.5323

■ 249.7090, -8.7305,
0.2552

■ 220.5610,
-81.6216, -0.4920

■ 253.5270, 0.7262,
0.4148

■ 216.5150, 253.8260, 0.5788,
-91.9519, -0.4517 1.0296

■ 212.3550,
-102.7190, -0.3113

■ 211.6000,
-104.3188, -0.5262

Harmonies

Analogous

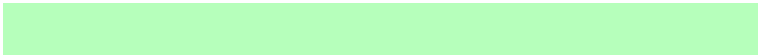
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0510, -40.9441, 19.2493



237.1580, -40.0109, -0.1386



225.4210, -18.9416, -38.0802

Triad

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



237.1580, -40.0109, -0.1386



201.1800, 26.5333, -110.6599



227.4110, 13.6014, 24.1956

Complementary

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



237.1580, -40.0109, -0.1386



171.8420, 40.0109, 0.1386

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.



233.8680, 10.4181, 18.5328



237.1580, -40.0109, -0.1386



224.5350, 15.0192, -57.4742

Square

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



237.1580, -40.0109, -0.1386



194.9010, 29.6288, -123.5702



238.1660, 8.2992, -1.8996



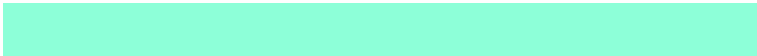
223.2270, -7.5069, 27.8649

Rectangle

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



237.1580, -40.0109, -0.1386



216.4680, -0.2307, -66.1854



238.1660, 8.2992, -1.8996



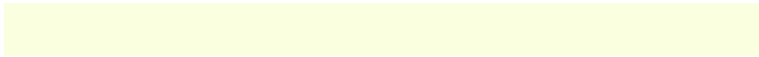
229.1720, 12.7332, 22.6512

Sweetspot

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



237.1580, -40.0109, -0.1386



249.9710, -12.8037, 0.0254



193.8080, -18.6393, 51.9114



125.0510, -7.4201, -0.0447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

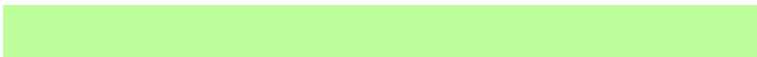
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.1580, -40.0109, -0.1386



235.9810, -48.3046, 0.0167



223.1050, -33.0828, -29.0331



125.6210, -5.2362, -0.5446



159.9570, -78.8588, 0.0377



53.4150, -26.3336, -0.3640

Inverse Universe

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



171.8420, 40.0109, 0.1386



157.0190, 48.3046, -0.0167



185.8950, 33.0828, 29.0331



117.0800, 5.3836, -0.0702



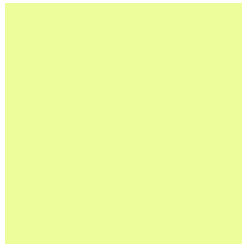
31.3420, 78.7114, 0.5771



10.5850, 26.3336, 0.3640

Previews

White Background



This preview shows how the YUV color 237.1580, -40.0109, -0.1386 looks on a white background.

Color Contrast Check

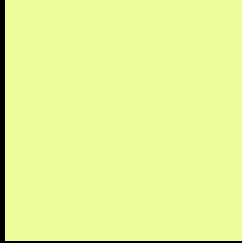
Large Text (above 18pt) WCAG AA × Fail

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 237.1580, -40.0109, -0.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

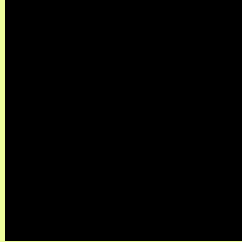
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.1580, -40.0109, -0.1386

Background



This preview shows how black text looks on a background with the YUV color 237.1580, -40.0109, -0.1386.



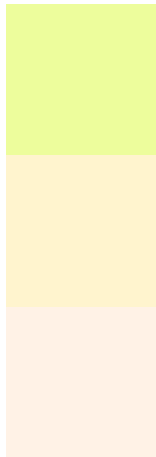
This preview shows how white text looks on a background with the YUV color 237.1580, -40.0109, -0.1386.

-0.1386.

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

237.1580, -40.0109, -0.1386

Protanopia

242.9570, -18.2198, 10.5617

Deuteranopia

244.5190, -7.1579, 9.1918



Tritanopia

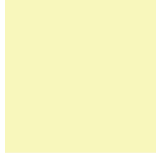
245.2760, 4.7939, 2.3889

Trichromacy



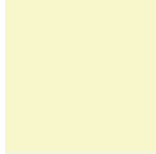
Original Color

237.1580, -40.0109, -0.1386



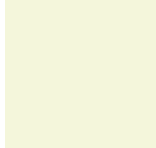
Protanomaly

240.5730, -25.9185, 6.5135



Deuteranomaly

241.6960, -19.0771, 5.5286



Tritanomaly

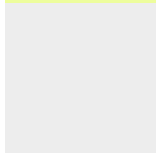
242.3240, -11.4987, 1.4699

Monochromacy



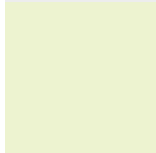
Original Color

237.1580, -40.0109, -0.1386



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.2160, -14.4035, -0.1894

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.1580, -40.0109, -0.1386 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(237, 253, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 253, 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(237, 253, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 253, 156) }
```

Border

The CSS property to change the border of an element to YUV 237.1580, -40.0109, -0.1386 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(237, 253, 156) }
```


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

```
.border{ border-color:rgb(237, 253, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 253, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 253, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 253, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 253,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 237.1580, -40.0109, -0.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 253, 156) }
```

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

```
.background{ background-color: rgb(237,  
253, 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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