

Converting Colors

YUV(233.7350, -38.3234,
18.6494)

Have a look what the booklet for
YUV(233.7350, -38.3234, 18.6494)
contains.

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Color

**YUV(233.7350, -38.3234,
18.6494)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEE9C
RGB	255, 238, 156
RGB Percent	100%, 93%, 61%
CMY	0.0000, 0.0667, 0.3882
CMYK	0.00, 0.07, 0.39, 0.00
HSL	50°, 100%, 81%
HSV	50°, 39%, 100%
XYZ	77.8153, 84.8094, 43.7210
YIQ	233.7350, 36.4540, -21.8980

Conversions

Conversions Part 2

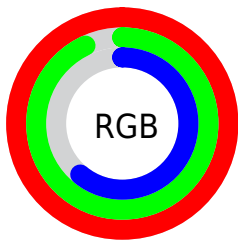
Format	Color
RYB	177, 255, 156
Decimal	16772764
CIELab	93.80, -5.53, 41.76
CIELCh	94, 42.126, 97.545
Yxy	84.8094, 0.3771, 0.4110
Android (android.graphics.Color)	4294962844 (0xFFFFEE9C)
YUV	233.7350, -38.3234, 18.6494
Hunter-Lab	92.0920, -10.3333, 36.3162

Details

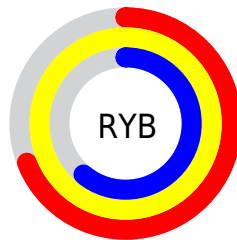
The YUV color $233.7350, -38.3234, 18.6494$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $177.2650, 38.3234, -18.6494$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9840, -19.2191, 4.3990$, and $177.4790, -36.7181, 17.1199$ is the 20% darker color. If you saturate the color by 10%, you get $228.5370, -48.0857, 23.2081$, and if you desaturate by 10%, it is $239.0470, -28.1242, 13.9908$.

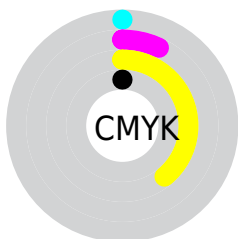
Distribution



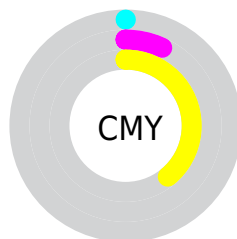
- Red (100%)
- Green (93%)
- Blue (61%)



- Red (69%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.7350, -38.3234, 18.6494 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 233.7350, -38.3234, 18.6494 by changing the saturation by 10% instead.

233.7350,
-38.3234, 18.6494

233.7350,
-38.3234, 18.6494

255.0000, 0.0000,
0.0000

205.5500,
-37.7391, 17.9347

249.9840,
-19.2191, 4.3990

177.4790,
-36.7181, 17.1199

253.2900, -6.5520,
1.4997

150.4080,
-35.6971, 16.3052

124.6250,
-34.8181, 14.3609

99.0270, -34.5233,
13.1313

73.8590, -36.4125,
12.4017

53.1820, -26.2187,

9.4874

■ 33.0810, -16.3089,
4.3140

■ 11.4850, -5.6621,
-3.9333

■ 233.7350,
-38.3234, 18.6494

■ 233.7350,
-38.3234, 18.6494

■ 228.5370,
-48.0857, 23.2081

■ 239.0470,
-28.1242, 13.9908

■ 222.6380,
-57.9955, 28.3815

■ 244.8320,
-18.6512, 8.9173

■ 217.4400,
-67.7579, 32.9401

■ 250.1440, -8.4520,
4.2587

■ 211.5410,
-77.6677, 38.1135

255.0000, 0.0000,
0.0000

■ 206.3430,
-87.4301, 42.6722

■ 201.0310,
-97.6293, 47.3308

■ 200.1020,
-98.6503, 48.1455

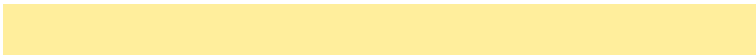
Harmonies

Analogous

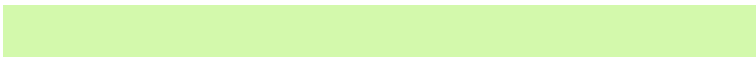
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.3150, -31.2143, 25.1567



233.7350, -38.3234, 18.6494



228.8600, -28.0320, -15.6632

Triad

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



233.7350, -38.3234, 18.6494



207.7580, 23.2903, -97.1348



229.1720, 12.7332, 22.6512

Complementary

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



233.7350, -38.3234, 18.6494



177.2650, 38.3234, -18.6494

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.



236.2160, 9.2605, 16.4736



233.7350, -38.3234, 18.6494



216.1850, 19.1358, -71.1992

Square

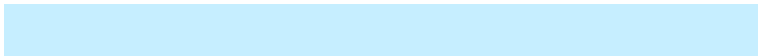
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.7350, -38.3234, 18.6494



212.4130, 16.5584, -84.5542



227.9780, 13.3218, -26.2907



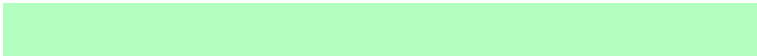
223.1590, 2.3866, 27.9246

Rectangle

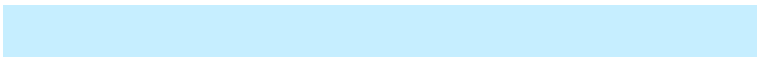
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.7350, -38.3234, 18.6494



225.0940, -16.3153, -40.4244



227.9780, 13.3218, -26.2907



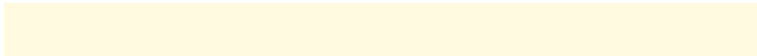
230.9330, 11.8650, 21.1068

Sweetspot

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



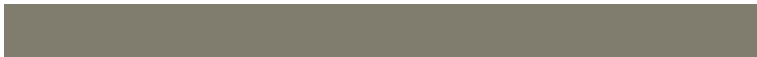
233.7350, -38.3234, 18.6494



248.5310, -12.0938, 5.6733



187.6530, -6.7309, 59.0633



123.6000, -6.7048, 3.8588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

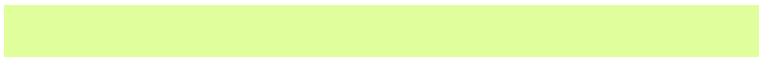
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.7350, -38.3234, 18.6494



228.9930, -46.3385, 22.8081



234.4450, -38.6734, -9.1603



124.7570, -4.8102, 2.8441



149.8550, -73.8785, 36.0842



50.2470, -24.7718, 12.0614

Inverse Universe

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



177.2650, 38.3234, -18.6494



161.0070, 46.3385, -22.8081



176.5550, 38.6734, 9.1603



117.6560, 5.0996, -2.3293



41.1450, 73.8785, -36.0842



13.7530, 24.7718, -12.0614

Previews

White Background



This preview shows how the YUV color 233.7350, -38.3234, 18.6494 looks on a white background.

Color Contrast Check

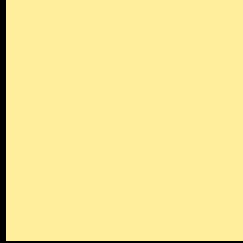
Large Text (above 18pt) WCAG AA × Fail

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 233.7350, -38.3234, 18.6494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

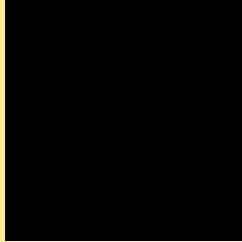
Any Text WCAG AA ✓ Pass

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 233.7350, -38.3234, 18.6494 Background



This preview shows how black text looks on a background with the YUV color 233.7350, -38.3234, 18.6494.



This preview shows how white text looks on a background with the YUV color 233.7350, -38.3234, 18.6494.

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

233.7350, -38.3234, 18.6494

Protanopia

234.6300, -32.3556, 17.8645

Deuteranopia

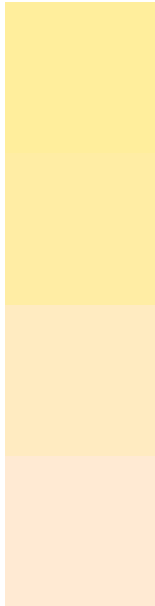
237.9990, -11.8315, 14.9099



Tritanopia

239.4300, 1.2670, 13.6549

Trichromacy



Original Color

233.7350, -38.3234, 18.6494

Protanomaly

234.0600, -34.5396, 18.3644

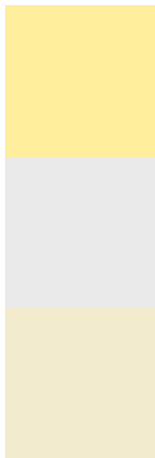
Deuteranomaly

236.1920, -21.2937, 16.4946

Tritanomaly

237.6570, -13.1419, 15.2098

Monochromacy



Original Color

233.7350, -38.3234, 18.6494

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.7870, -13.6990, 7.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.7350, -38.3234, 18.6494 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(255, 238, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 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(255, 238, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 156) }
```

Border

The CSS property to change the border of an element to YUV 233.7350, -38.3234, 18.6494 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(255, 238, 156) }
```


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

```
.border{ border-color:rgb(255, 238, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 233.7350, -38.3234, 18.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 156) }
```

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

```
.background{ background-color: rgb(255,  
238, 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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