

Converting Colors

YUV(233.1310, -35.5606,
19.1791)

Have a look what the booklet for
YUV(233.1310, -35.5606, 19.1791)
contains.

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Color

**YUV(233.1310, -35.5606,
19.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECA1
RGB	255, 236, 161
RGB Percent	100%, 93%, 63%
CMY	0.0000, 0.0745, 0.3686
CMYK	0.00, 0.07, 0.37, 0.00
HSL	48°, 100%, 82%
HSV	48°, 37%, 100%
XYZ	77.6685, 83.8241, 45.8043
YIQ	233.1310, 35.3990, -19.2970

Conversions

Conversions Part 2

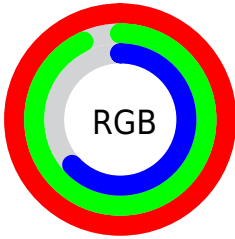
Format	Color
RYB	185, 255, 161
Decimal	16772257
CIELab	93.37, -3.99, 38.72
CIELCh	93, 38.923, 95.878
Yxy	83.8241, 0.3747, 0.4044
Android (android.graphics.Color)	4294962337 (0xFFFFECA1)
YUV	233.1310, -35.5606, 19.1791
Hunter-Lab	91.5555, -8.7968, 34.4267

Details

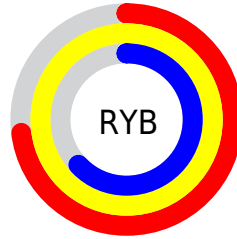
The YUV color **233.1310, -35.5606, 19.1791** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **182.8690, 35.5606, -19.1791**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5540, -17.0351, 3.8991**, and **176.8750, -33.9554, 17.6496** is the 20% darker color. If you saturate the color by 10%, you get **227.2320, -45.4704, 24.3525**, and if you desaturate by 10%, it is **239.0300, -25.6508, 14.0057**.

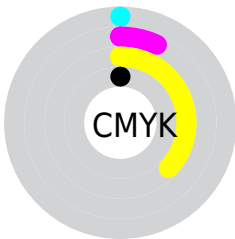
Distribution



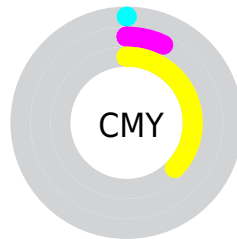
- Red (100%)
- Green (93%)
- Blue (63%)



- Red (73%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1310, -35.5606, 19.1791 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 233.1310, -35.5606, 19.1791 by changing the saturation by 10% instead.

233.1310,
-35.5606, 19.1791

233.1310,
-35.5606, 19.1791

255.0000, 0.0000,
0.0000

204.9460,
-34.9764, 18.4644

250.5540,
-17.0351, 3.8991

176.8750,
-33.9554, 17.6496

253.8600, -4.3680,
0.9998

150.3910,
-33.2238, 16.3201

124.0210,
-32.0554, 14.8906

98.8360, -31.4711,
14.1758

73.8960, -32.4867,
13.2462

52.0080, -25.6399,

10.5170

■ 32.2060, -15.8776,
5.9583

■ 10.9090, -5.3781,
-1.6742

■ 233.1310,
-35.5606, 19.1791

■ 233.1310,
-35.5606, 19.1791

■ 227.2320,
-45.4704, 24.3525

■ 239.0300,
-25.6508, 14.0057

■ 221.4470,
-54.9434, 29.4260

■ 244.8150,
-16.1778, 8.9322

■ 215.5480,
-64.8532, 34.5994

■ 250.7140, -6.2680,
3.7588

■ 209.1760,
-74.0368, 40.1876

255.0000, 0.0000,
0.0000

■ 203.2770,
-83.9466, 45.3611

■ 197.4920,
-93.4196, 50.4345

■ 195.4060,
-96.3352, 52.2639

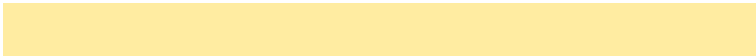
Harmonies

Analogous

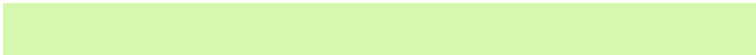
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.2980, -28.7409, 25.1717



233.1310, -35.5606, 19.1791



228.8110, -27.0218, -12.9892

Triad

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



233.1310, -35.5606, 19.1791



212.8410, 20.7844, -86.6836



229.7590, 12.4438, 22.1364

Complementary

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



233.1310, -35.5606, 19.1791



182.8690, 35.5606, -19.1791

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.



235.6070, 9.5607, 13.4997



233.1310, -35.5606, 19.1791



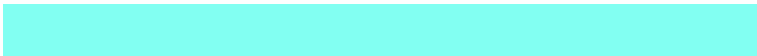
217.7020, 18.3879, -64.6367

Square

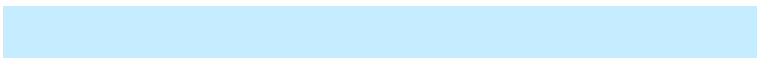
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1310, -35.5606, 19.1791



216.1430, 12.7475, -75.5474



227.3910, 13.6112, -25.7759



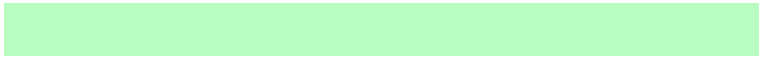
224.5610, 2.6814, 26.6950

Rectangle

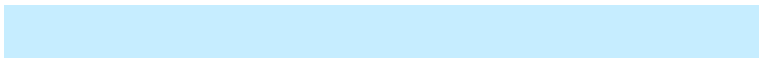
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.1310, -35.5606, 19.1791



225.2410, -15.8948, -35.2914



227.3910, 13.6112, -25.7759



232.1070, 11.2862, 20.0772

Sweetspot

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



233.1310, -35.5606, 19.1791



248.2860, -10.4940, 5.8882



191.3860, -5.1203, 55.7895



123.7140, -6.2680, 3.7588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

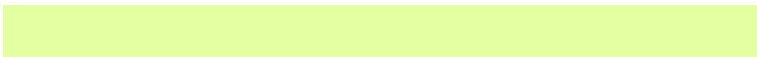
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.1310, -35.5606, 19.1791



228.7310, -42.2654, 23.0379



236.2110, -37.0790, -7.2010



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



182.8690, 35.5606, -19.1791



168.6820, 42.5548, -22.5231



179.7890, 37.0790, 7.2010



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 233.1310, -35.5606, 19.1791 looks on a white background.

Color Contrast Check

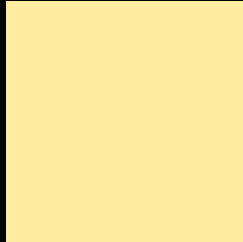
Large Text (above 18pt) WCAG AA × Fail

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 233.1310, -35.5606, 19.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

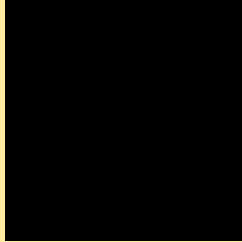
Any Text WCAG AA ✓ Pass

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 233.1310, -35.5606, 19.1791 Background



This preview shows how black text looks on a background with the YUV color 233.1310, -35.5606, 19.1791.



This preview shows how white text looks on a background with the YUV color 233.1310, -35.5606, 19.1791.

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

233.1310, -35.5606, 19.1791

Protanopia

233.3590, -34.6870, 18.9792

Deuteranopia

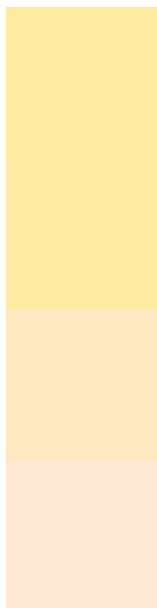
236.4830, -12.5631, 16.2394



Tritanopia

238.1420, 1.4090, 14.7845

Trichromacy



Original Color

233.1310, -35.5606, 19.1791

Protanomaly

233.2450, -35.1238, 19.0791

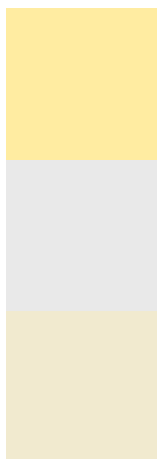
Deuteranomaly

235.0180, -20.7149, 17.5242

Tritanomaly

236.5970, -12.1263, 16.1394

Monochromacy



Original Color

233.1310, -35.5606, 19.1791

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0150, -12.8254, 7.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1310, -35.5606, 19.1791 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, 236, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 161)  
}
```

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, 236, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 161) }
```

Border

The CSS property to change the border of an element to YUV 233.1310, -35.5606, 19.1791 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, 236, 161) }
```


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

```
.border{ border-color:rgb(255, 236, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 233.1310, -35.5606, 19.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 161) }
```

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

```
.background{ background-color: rgb(255,  
236, 161) }
```

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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