

Converting Colors

YUV(239.5150, -11.0999,
13.5803)

Have a look what the booklet for
YUV(239.5150, -11.0999, 13.5803)
contains.

YUV(239.5150, -11.0999, 13.5803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(239.5150, -11.0999,
13.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECD9
RGB	255, 236, 217
RGB Percent	100%, 93%, 85%
CMY	0.0000, 0.0745, 0.1490
CMYK	0.00, 0.07, 0.15, 0.00
HSL	30°, 100%, 93%
HSV	30°, 15%, 100%
XYZ	83.7598, 86.2607, 77.8810
YIQ	239.5150, 17.4230, -1.8810

Conversions

Conversions Part 2

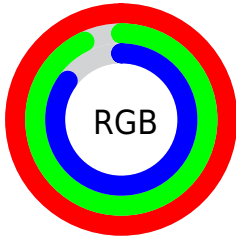
Format	Color
R _Y B	255, 255, 217
Decimal	16772313
CIE Lab	94.42, 3.40, 11.52
CIE LCh	94, 12.015, 73.542
Yxy	86.2607, 0.3379, 0.3480
Android (android.graphics.Color)	4294962393 (0xFFFFECD9)
YUV	239.5150, -11.0999, 13.5803
Hunter-Lab	92.8766, -1.5557, 15.2964

Details

The YUV color $239.5150, -11.0999, 13.5803$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.4850, 11.0999, -13.5803$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.3300, -10.5157, 12.8656$ is the 20% darker color. If you saturate the color by 10%, you get $229.0340, -18.2578, 22.7722$, and if you desaturate by 10%, it is $250.1100, -3.5052, 4.2885$.

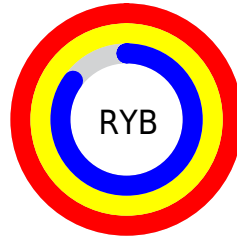
Distribution



Red (100%)

Green (93%)

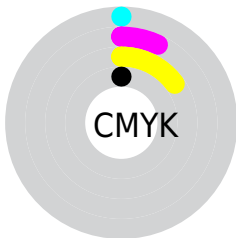
Blue (85%)



Red (100%)

Yellow (100%)

Blue (85%)

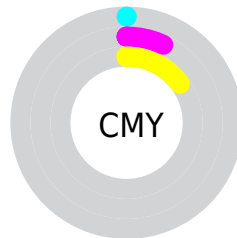


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.5150, -11.0999, 13.5803 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 239.5150, -11.0999, 13.5803 by changing the saturation by 10% instead.

239.5150,
-11.0999, 13.5803

239.5150,
-11.0999, 13.5803

255.0000, 0.0000,
0.0000

211.2160,
-10.9525, 12.9656

183.3300,
-10.5157, 12.8656

156.4440,
-10.0789, 12.7656

130.8460, -9.7841,
11.5361

105.5470, -9.6367,
10.9213

81.3620, -9.0525,
10.2065

58.1770, -8.4683,

9.4918

■ 35.9920, -7.8841,
8.7770

■ 15.4050, -7.5947,
9.2918

■ 239.5150,
-11.0999, 13.5803

■ 239.5150,
-11.0999, 13.5803

■ 229.0340,
-18.2578, 22.7722

■ 250.1100, -3.5052,
4.2885

■ 219.0260,
-26.1418, 31.5492

255.0000, 0.0000,
0.0000

■ 208.5450,
-33.2997, 40.7410

■ 197.9500,
-40.8943, 50.0329

■ 187.4690,
-48.0522, 59.2247

■ 177.4610,
-55.9363, 68.0017

■ 166.8660,
-63.5309, 77.2935

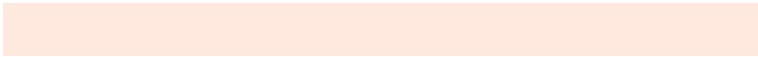
■ 156.3850,
-70.6888, 86.4854

■ 151.3810,
-74.6308, 90.8739

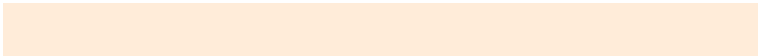
Harmonies

Analogous

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



238.4380, -7.6109, 14.5249



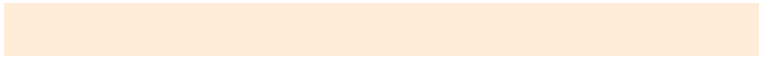
239.5150, -11.0999, 13.5803



238.1610, -10.9254, 4.2438

Triad

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



239.5150, -11.0999, 13.5803



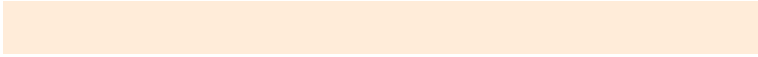
235.3070, 4.2856, -21.3172



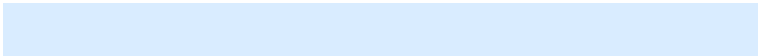
240.5800, 7.1091, 6.5073

Complementary

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



239.5150, -11.0999, 13.5803



232.4850, 11.0999, -13.5803

Split Complementary

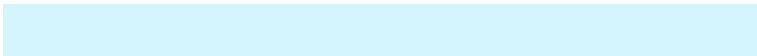
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4430, 8.1626, -4.7735



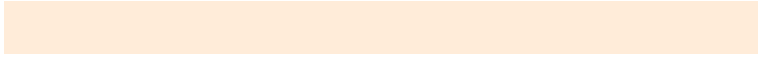
239.5150, -11.0999, 13.5803



236.1590, 8.7956, -21.1874

Square

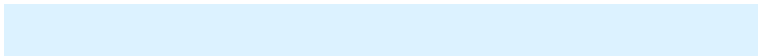
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.5150, -11.0999, 13.5803



235.4450, -1.6984, -15.2993



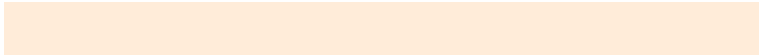
236.9040, 8.9213, -14.8248



240.4730, 2.7248, 12.7402

Rectangle

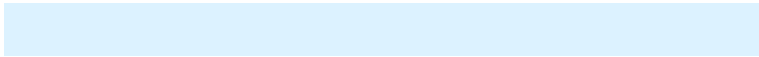
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.5150, -11.0999, 13.5803



236.9860, -8.8671, -2.6187



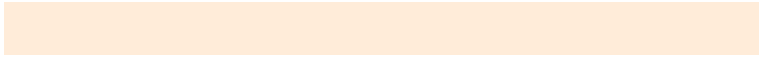
236.9040, 8.9213, -14.8248



240.2590, 7.2673, 2.4039

Sweetspot

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



239.5150, -11.0999, 13.5803



250.9250, -2.9210, 3.5738



230.5280, 2.6977, 21.4619



124.8540, -1.9000, 2.7590



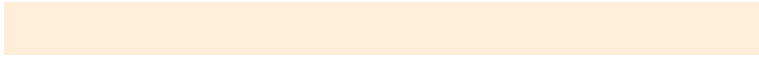
0.0000, 0.0000, 0.0000



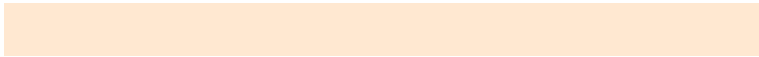
128.0000, 0.0000, 0.0000

Same Dimension

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



239.5150, -11.0999, 13.5803



236.2550, -13.4367, 16.4394



250.6680, -16.5983, 3.7992



122.4090, -3.6526, 4.9033



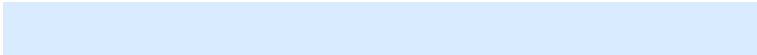
113.4610, -55.9363, 68.0017



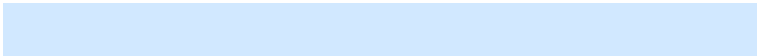
37.9200, -18.6946, 22.8722

Inverse Universe

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



232.4850, 11.0999, -13.5803



227.7450, 13.4367, -16.4394



221.3320, 16.5983, -3.7992



120.0040, 3.9420, -4.3885



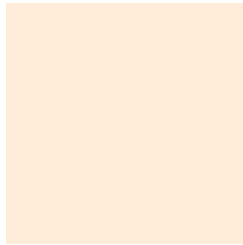
78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 239.5150, -11.0999, 13.5803 looks on a white background.

Color Contrast Check

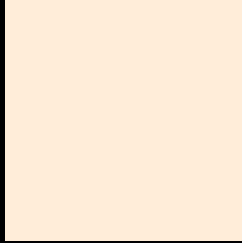
Large Text (above 18pt) WCAG AA × Fail

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 239.5150, -11.0999, 13.5803 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 239.5150, -11.0999, 13.5803

Background



This preview shows how black text looks on a background with the YUV color 239.5150, -11.0999, 13.5803.

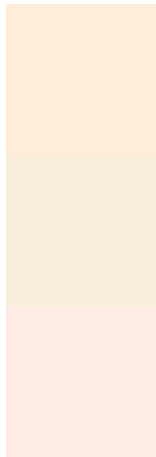


This preview shows how white text looks on a background with the YUV color 239.5150, -11.0999, 13.5803.

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

239.5150, -11.0999, 13.5803

Protanopia

238.7100, -10.2100, 8.1473

Deuteranopia

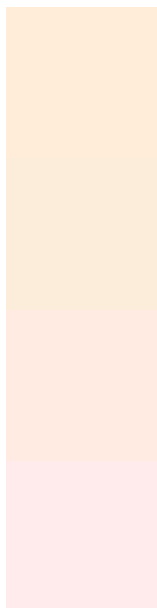
240.2960, -5.5689, 12.8954



Tritanopia

241.1740, 2.8722, 12.1254

Trichromacy



Original Color

239.5150, -11.0999, 13.5803

Protanomaly

239.0200, -10.3629, 10.5065

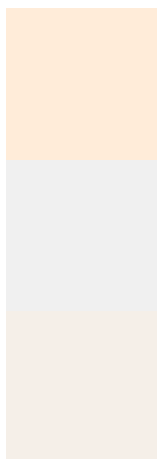
Deuteranomaly

239.8400, -7.3161, 13.2953

Tritanomaly

240.5070, -2.2220, 12.7104

Monochromacy



Original Color

239.5150, -11.0999, 13.5803

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.5150, -11.0999, 13.5803 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 217) }
```

Border

The CSS property to change the border of an element to YUV 239.5150, -11.0999, 13.5803 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, 217) }
```


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

```
.border{ border-color:rgb(255, 236, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 217); box-shadow:4px 4px 4px 4px rgb(255, 236, 217) }
```

Background

The CSS property to change the background color of an element to YUV 239.5150, -11.0999, 13.5803 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
236, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor