

Converting Colors

YUV(239.8110, -20.1198,
13.3208)

Have a look what the booklet for
YUV(239.8110, -20.1198, 13.3208)
contains.

YUV(239.8110, -20.1198, 13.3208)	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(239.8110, -20.1198,
13.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0C7
RGB	255, 240, 199
RGB Percent	100%, 94%, 78%
CMY	0.0000, 0.0588, 0.2196
CMYK	0.00, 0.06, 0.22, 0.00
HSL	44°, 100%, 89%
HSV	44°, 22%, 100%
XYZ	82.7089, 87.7037, 66.6021
YIQ	239.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

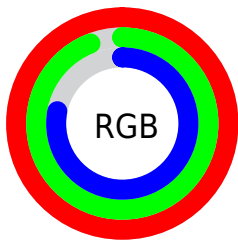
Format	Color
R _Y B	219, 255, 199
Decimal	16773319
CIE Lab	95.04, -1.25, 21.67
CIE LCh	95, 21.703, 93.299
Yxy	87.7037, 0.3490, 0.3700
Android (android.graphics.Color)	4294963399 (0xFFFFF0C7)
YUV	239.8110, -20.1198, 13.3208
Hunter-Lab	93.6503, -6.2425, 23.3894

Details

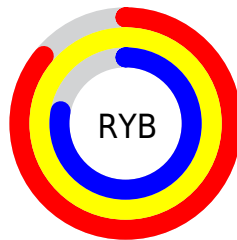
The YUV color $239.8110, -20.1198, 13.3208$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $214.1890, 20.1198, -13.3208$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.7400, -19.0988, 12.5060$ is the 20% darker color. If you saturate the color by 10%, you get $232.8520, -29.0140, 19.4238$, and if you desaturate by 10%, it is $246.8840, -10.7888, 7.1177$.

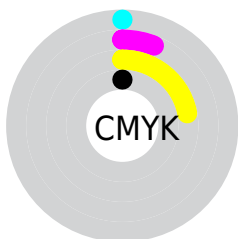
Distribution



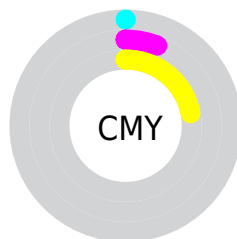
- Red (100%)
- Green (94%)
- Blue (78%)



- Red (86%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.8110, -20.1198, 13.3208 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 239.8110, -20.1198, 13.3208 by changing the saturation by 10% instead.

■ 239.8110,
-20.1198, 13.3208

■ 239.8110,
-20.1198, 13.3208

255.0000, 0.0000,
0.0000

■ 211.6260,
-19.5356, 12.6060

■ 183.7400,
-19.0988, 12.5060

■ 156.5550,
-18.5146, 11.7913

■ 130.3700,
-17.9304, 11.0765

■ 105.1850,
-17.3462, 10.3618

■ 81.1140, -16.3252,
9.5470

■ 57.9290, -15.7410,

8.8323

■ 35.2880, -16.9040,
8.5174

■ 16.2580, -8.0152,
4.1587

■ 239.8110,
-20.1198, 13.3208

■ 239.8110,
-20.1198, 13.3208

■ 232.8520,
-29.0140, 19.4238

■ 246.8840,
-10.7888, 7.1177

■ 225.7790,
-38.3450, 25.6268

■ 253.8430, -1.8946,
1.0147

■ 219.2930,
-47.9654, 31.3150

255.0000, 0.0000,
0.0000

■ 212.3340,
-56.8597, 37.4181

■ 205.2610,
-66.1907, 43.6211

■ 198.3020,
-75.0849, 49.7241

■ 191.2290,
-84.4159, 55.9272

■ 186.0140,
-91.7049, 60.5007

Harmonies

Analogous

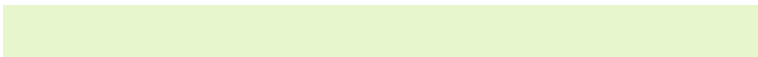
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2720, -15.9101, 16.4245



239.8110, -20.1198, 13.3208



237.1400, -15.8450, -4.5078

Triad

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



239.8110, -20.1198, 13.3208



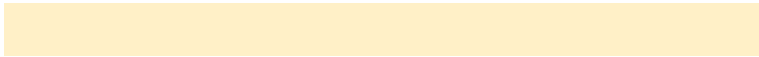
232.3090, 11.1867, -41.4900



239.7380, 7.5242, 13.3848

Complementary

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



239.8110, -20.1198, 13.3208



214.1890, 20.1198, -13.3208

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.



241.1670, 6.8197, 5.9925



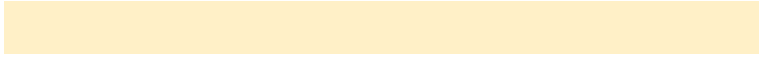
239.8110, -20.1198, 13.3208



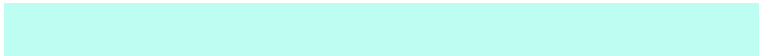
233.5490, 10.5753, -32.0535

Square

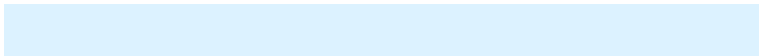
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.8110, -20.1198, 13.3208



232.9090, 4.4819, -37.6312



236.9040, 8.9213, -14.8248



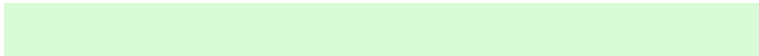
236.1530, 1.4036, 16.5288

Rectangle

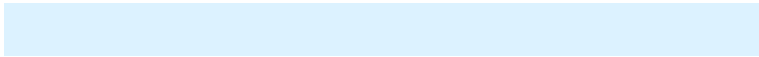
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.8110, -20.1198, 13.3208



235.8440, -10.2761, -17.4032



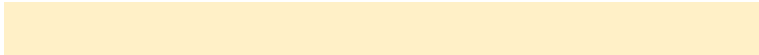
236.9040, 8.9213, -14.8248



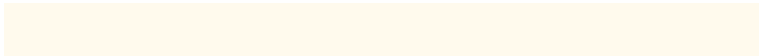
240.3250, 7.2348, 12.8700

Sweetspot

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



239.8110, -20.1198, 13.3208



250.0130, -6.4154, 4.3736



217.5680, -1.2660, 32.8279



124.9850, -3.9366, 2.6442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

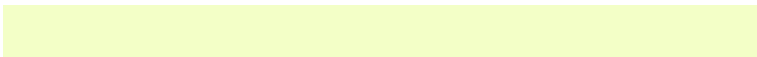
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8110, -20.1198, 13.3208



236.9100, -23.6196, 15.8649



245.0280, -22.6918, -1.7786



124.1700, -4.5208, 3.3589



139.2890, -68.6695, 45.3505



46.7250, -23.0354, 15.1502

Inverse Universe

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



214.1890, 20.1198, -13.3208



206.5030, 23.9090, -15.3501



208.9720, 22.6918, 1.7786



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 239.8110, -20.1198, 13.3208 looks on a white background.

Color Contrast Check

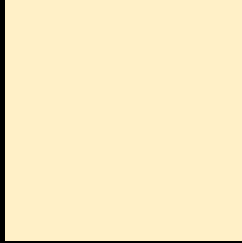
Large Text (above 18pt) WCAG AA × Fail

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 239.8110, -20.1198, 13.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

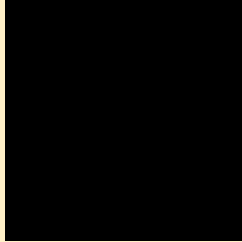
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.8110, -20.1198, 13.3208

Background



This preview shows how black text looks on a background with the YUV color 239.8110, -20.1198, 13.3208.



This preview shows how white text looks on a background with the YUV color 239.8110, -20.1198,

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

239.8110, -20.1198, 13.3208

Protanopia

239.5120, -19.9724, 12.7060

Deuteranopia

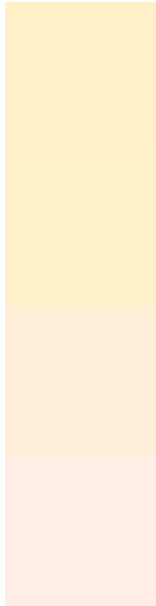
241.8290, -7.3107, 11.5510



Tritanopia

242.4620, 2.7302, 10.9958

Trichromacy



Original Color

239.8110, -20.1198, 13.3208

Protanomaly

239.5120, -19.9724, 12.7060

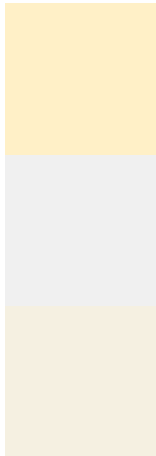
Deuteranomaly

241.2760, -11.9681, 12.0359

Tritanomaly

241.5840, -5.7109, 11.7658

Monochromacy



Original Color

239.8110, -20.1198, 13.3208

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.8110, -20.1198, 13.3208 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, 240, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 199)  
}
```

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, 240, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 199) }
```

Border

The CSS property to change the border of an element to YUV 239.8110, -20.1198, 13.3208 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, 240, 199) }
```


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

```
.border{ border-color:rgb(255, 240, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 239.8110, -20.1198, 13.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 199) }
```

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

```
.background{ background-color: rgb(255,  
240, 199) }
```

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