

Converting Colors

YUV(239.7400, -19.0988,
12.5060)

Have a look what the booklet for
YUV(239.7400, -19.0988, 12.5060)
contains.

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Color

**YUV(239.7400, -19.0988,
12.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF0C9
RGB	254, 240, 201
RGB Percent	100%, 94%, 79%
CMY	0.0039, 0.0588, 0.2118
CMYK	0.00, 0.06, 0.21, 0.00
HSL	44°, 96%, 89%
HSV	44°, 21%, 100%
XYZ	82.5758, 87.6081, 67.8162
YIQ	239.7400, 20.8630, -9.1610

Conversions

Conversions Part 2

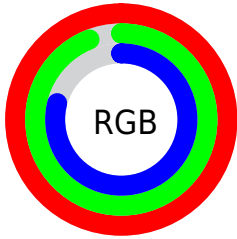
Format	Color
R_{YB}	220, 254, 201
Decimal	16707785
CIE Lab	95.00, -1.33, 20.57
CIE LCh	95, 20.615, 93.702
Yxy	87.6081, 0.3470, 0.3681
Android (android.graphics.Color)	4294897865 (0xFFFEF0C9)
YUV	239.7400, -19.0988, 12.5060
Hunter-Lab	93.5992, -6.3210, 22.5616

Details

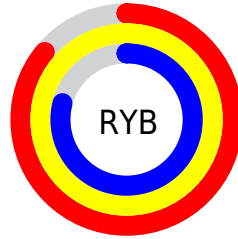
The YUV color $239.7400, -19.0988, 12.5060$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $215.2600, 19.0988, -12.5060$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.6690, -18.0778, 11.6913$ is the 20% darker color. If you saturate the color by 10%, you get $232.7810, -27.9930, 18.6091$, and if you desaturate by 10%, it is $246.6990, -10.2046, 6.4030$.

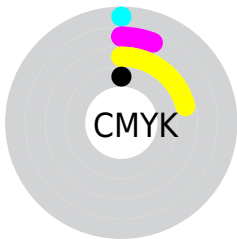
Distribution



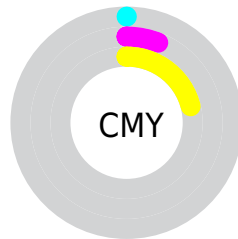
- Red (100%)
- Green (94%)
- Blue (79%)



- Red (86%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.7400, -19.0988, 12.5060 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 239.7400, -19.0988, 12.5060 by changing the saturation by 10% instead.

■ 239.7400,
-19.0988, 12.5060

■ 239.7400,
-19.0988, 12.5060

255.0000, 0.0000,
0.0000

■ 211.5550,
-18.5146, 11.7913

■ 183.6690,
-18.0778, 11.6913

■ 156.4840,
-17.4936, 10.9765

■ 130.5980,
-17.0568, 10.8766

■ 105.4130,
-16.4726, 10.1618

■ 80.9290, -15.7410,
8.8323

■ 57.8580, -14.7200,

8.0175

■ 35.5160, -16.0304,
8.3175

■ 16.2580, -8.0152,
4.1587

■ 239.7400,
-19.0988, 12.5060

■ 239.7400,
-19.0988, 12.5060

■ 232.7810,
-27.9930, 18.6091

■ 246.6990,
-10.2046, 6.4030

■ 226.2950,
-37.6134, 24.2973

■ 253.1850, -0.5842,
0.7148

■ 219.3360,
-46.5076, 30.4003

254.7010, 0.1474,
-0.6148

■ 212.2630,
-55.8387, 36.6033

■ 205.3040,
-64.7329, 42.7064

■ 198.9320,
-73.9165, 48.2946

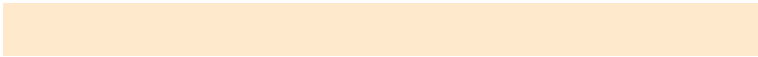
■ 191.8590,
-83.2475, 54.4977

■ 185.7150,
-91.5575, 59.8859

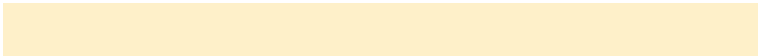
Harmonies

Analogous

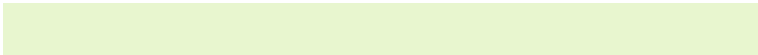
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3860, -15.4733, 16.3245



239.7400, -19.0988, 12.5060



237.3680, -14.9714, -4.7077

Triad

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



239.7400, -19.0988, 12.5060



232.6190, 11.0338, -39.1309



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.



239.7400, -19.0988, 12.5060



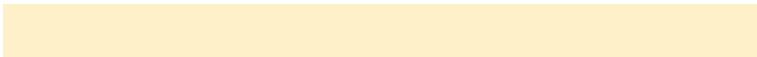
215.2600, 19.0988, -12.5060

Split Complementary

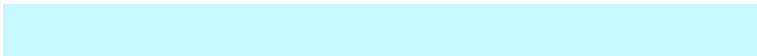
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1670, 6.8197, 5.9925



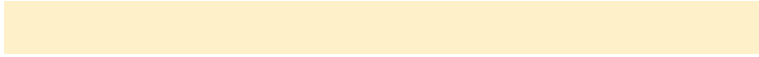
239.7400, -19.0988, 12.5060



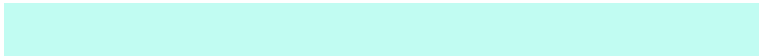
233.5600, 10.5699, -30.3091

Square

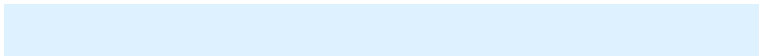
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.7400, -19.0988, 12.5060



233.2190, 4.3290, -35.2721



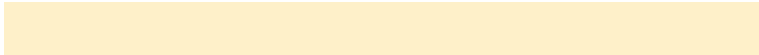
236.9150, 8.9159, -13.0805



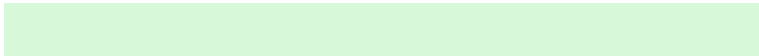
236.7400, 1.1142, 16.0140

Rectangle

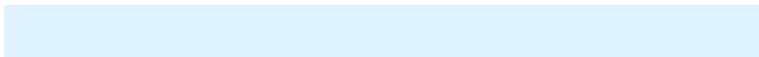
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.7400, -19.0988, 12.5060



235.4850, -9.1131, -17.0883



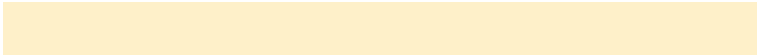
236.9150, 8.9159, -13.0805



240.9120, 6.9454, 12.3552

Sweetspot

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



239.7400, -19.0988, 12.5060



250.9420, -5.3944, 3.5589



218.4430, -1.6974, 31.1835



125.2130, -3.0630, 2.4442



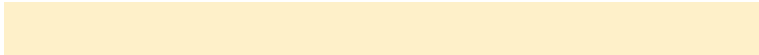
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

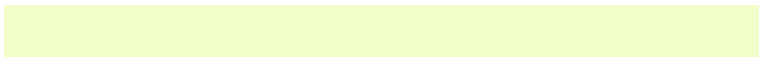
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7400, -19.0988, 12.5060



237.7250, -23.0354, 15.1502



244.3700, -21.3814, -2.0785



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502

Inverse Universe

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



215.2600, 19.0988, -12.5060



208.2750, 23.0354, -15.1502



210.6300, 21.3814, 2.0785



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 239.7400, -19.0988, 12.5060 looks on a white background.

Color Contrast Check

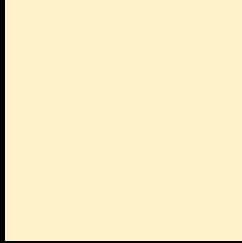
Large Text (above 18pt) WCAG AA × Fail

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 239.7400, -19.0988, 12.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

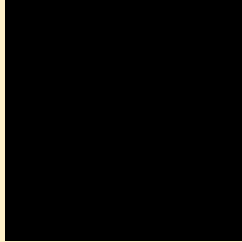
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.7400, -19.0988, 12.5060

Background



This preview shows how black text looks on a background with the YUV color 239.7400, -19.0988, 12.5060.



This preview shows how white text looks on a background with the YUV color 239.7400, -19.0988, 12.5060.

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

239.7400, -19.0988, 12.5060

Protanopia

239.7400, -19.0988, 12.5060

Deuteranopia

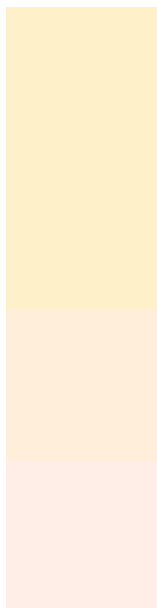
241.2420, -7.0213, 12.0658



Tritanopia

242.4620, 2.7302, 10.9958

Trichromacy



Original Color

239.7400, -19.0988, 12.5060

Protanomaly

239.7400, -19.0988, 12.5060

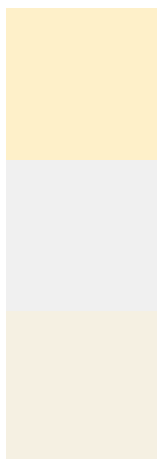
Deuteranomaly

240.8030, -11.2419, 12.4508

Tritanomaly

241.6980, -5.2741, 11.6659

Monochromacy



Original Color

239.7400, -19.0988, 12.5060

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.7400, -19.0988, 12.5060 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(254, 240, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 201)  
}
```

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(254, 240, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 201) }
```

Border

The CSS property to change the border of an element to YUV 239.7400, -19.0988, 12.5060 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(254, 240, 201) }
```


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

```
.border{ border-color:rgb(254, 240, 201) }
```

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

Here you see how a box with a 4 pixel rgb(254, 240, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 239.7400, -19.0988, 12.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 201) }
```

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

```
.background{ background-color: rgb(254,  
240, 201) }
```

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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