

Converting Colors

YUV(233.4220, -26.8300,
18.9239)

Have a look what the booklet for
YUV(233.4220, -26.8300, 18.9239)
contains.

YUV(233.4220, -26.8300, 18.9239)	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(233.4220, -26.8300,
18.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B3
RGB	255, 233, 179
RGB Percent	100%, 91%, 70%
CMY	0.0000, 0.0863, 0.2980
CMYK	0.00, 0.09, 0.30, 0.00
HSL	43°, 100%, 85%
HSV	43°, 30%, 100%
XYZ	78.5156, 82.7925, 54.4902
YIQ	233.4220, 30.4460, -12.1300

Conversions

Conversions Part 2

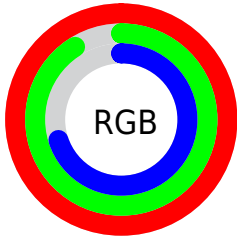
Format	Color
RYP	210, 255, 179
Decimal	16771507
CIELab	92.92, -0.35, 29.01
CIElCh	93, 29.014, 90.692
Yxy	82.7925, 0.3638, 0.3837
Android (android.graphics.Color)	4294961587 (0xFFFFE9B3)
YUV	233.4220, -26.8300, 18.9239
Hunter-Lab	90.9904, -5.2055, 28.1871

Details

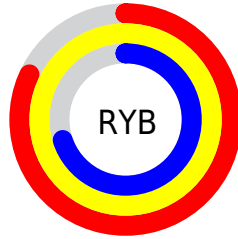
The YUV color $233.4220, -26.8300, 18.9239$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $200.5780, 26.8300, -18.9239$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $177.1660, -25.2248, 17.3944$ is the 20% darker color. If you saturate the color by 10%, you get $226.3490, -36.1611, 25.1269$, and if you desaturate by 10%, it is $240.3810, -17.9358, 12.8209$.

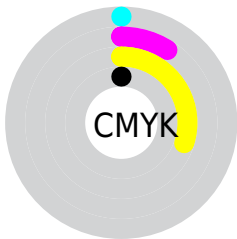
Distribution



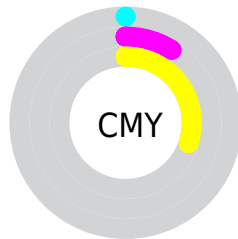
- Red (100%)
- Green (91%)
- Blue (70%)



- Red (82%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.4220, -26.8300, 18.9239 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 233.4220, -26.8300, 18.9239 by changing the saturation by 10% instead.


 233.4220,
-26.8300, 18.9239


 233.4220,
-26.8300, 18.9239


255.0000, 0.0000,
0.0000


 205.2370,
-26.2458, 18.2092


 252.7200, -8.7360,
1.9996

 177.1660,
-25.2248, 17.3944

 150.9810,
-24.6406, 16.6797

 124.4970,
-23.9090, 15.3501

 99.4260, -22.8880,
14.5354

 74.9420, -22.1564,
13.2059

 52.2300, -22.2984,

12.0763

■ 31.9290, -15.7410,
8.8323

■ 10.3550, -5.1050,
4.0737

■ 233.4220,
-26.8300, 18.9239

■ 233.4220,
-26.8300, 18.9239

■ 226.3490,
-36.1611, 25.1269

■ 240.3810,
-17.9358, 12.8209

■ 218.8030,
-44.7659, 31.7448

■ 248.0410, -8.8942,
6.1030

■ 211.7300,
-54.0969, 37.9478

255.0000, 0.0000,
0.0000

■ 204.1840,
-62.7017, 44.5656

■ 197.1110,
-72.0327, 50.7687

■ 190.1520,
-80.9269, 56.8717

■ 182.4920,
-89.9686, 63.5895

Harmonies

Analogous

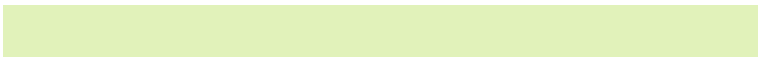
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0510, -20.7311, 22.7573



233.4220, -26.8300, 18.9239



230.5330, -21.9548, -4.8524

Triad

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



233.4220, -26.8300, 18.9239



222.1650, 16.1877, -58.9037



233.8680, 10.4181, 18.5328

Complementary

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



233.4220, -26.8300, 18.9239



200.5780, 26.8300, -18.9239

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.



234.0790, 10.3141, 5.1927



233.4220, -26.8300, 18.9239



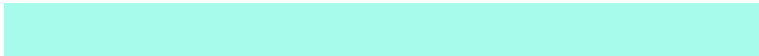
223.4160, 15.5709, -47.7228

Square

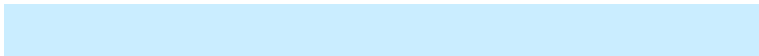
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.4220, -26.8300, 18.9239



223.6470, 5.1040, -50.5564



228.5870, 13.0216, -23.3168



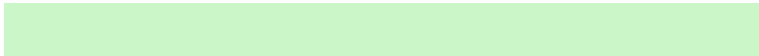
229.2400, 2.8397, 22.5915

Rectangle

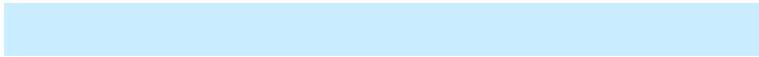
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.4220, -26.8300, 18.9239



227.7850, -14.1910, -21.7364



228.5870, 13.0216, -23.3168



235.0420, 9.8393, 17.5032

Sweetspot

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



233.4220, -26.8300, 18.9239



248.2690, -8.0206, 5.9031



204.3460, -1.1566, 44.4236



123.3550, -5.1050, 4.0737



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

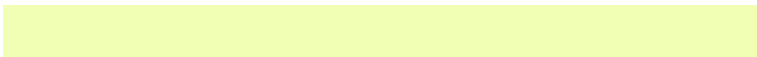
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4220, -26.8300, 18.9239



228.6630, -32.3719, 23.0975



241.8510, -30.9855, -1.6233



124.1700, -4.5208, 3.3589



136.9410, -67.5119, 47.4097



45.5510, -22.4566, 16.1798

Inverse Universe

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



200.5780, 26.8300, -18.9239



189.3370, 32.3719, -23.0975



192.1490, 30.9855, 1.6233



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 233.4220, -26.8300, 18.9239 looks on a white background.

Color Contrast Check

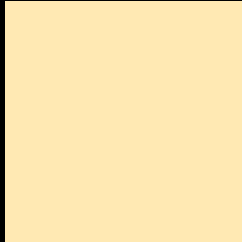
Large Text (above 18pt) WCAG AA × Fail

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 233.4220, -26.8300, 18.9239 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 233.4220, -26.8300, 18.9239

Background



This preview shows how black text looks on a background with the YUV color 233.4220, -26.8300, 18.9239.

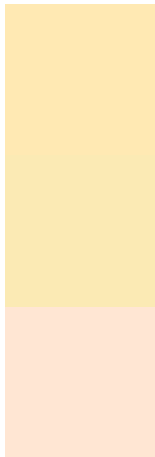


This preview shows how white text looks on a background with the YUV color 233.4220, -26.8300, 18.9239.

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

233.4220, -26.8300, 18.9239

Protanopia

232.9270, -26.0930, 15.8500

Deuteranopia

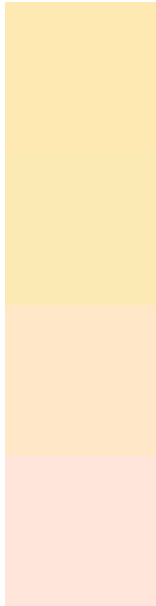
235.3090, -11.9843, 17.2690



Tritanopia

236.8540, 1.5510, 15.9140

Trichromacy



Original Color

233.4220, -26.8300, 18.9239

Protanomaly

233.2260, -26.2404, 16.4648

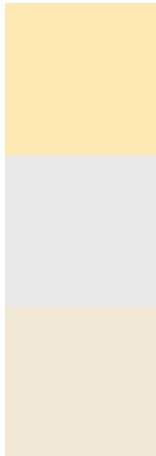
Deuteranomaly

234.5280, -17.5153, 17.9539

Tritanomaly

235.5200, -8.6374, 17.0840

Monochromacy



Original Color

233.4220, -26.8300, 18.9239

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1120, -9.9152, 6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4220, -26.8300, 18.9239 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, 233, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 179)  
}
```

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, 233, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 179) }
```

Border

The CSS property to change the border of an element to YUV 233.4220, -26.8300, 18.9239 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, 233, 179) }
```


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

```
.border{ border-color:rgb(255, 233, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 233.4220, -26.8300, 18.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 179) }
```

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

```
.background{ background-color: rgb(255,  
233, 179) }
```

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