

Converting Colors

YUV(219.2880, -33.6660,
18.1644)

Have a look what the booklet for
YUV(219.2880, -33.6660, 18.1644)
contains.

YUV(219.2880, -33.6660, 18.1644)	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(219.2880, -33.6660,
18.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DE97
RGB	240, 222, 151
RGB Percent	94%, 87%, 59%
CMY	0.0588, 0.1294, 0.4078
CMYK	0.00, 0.07, 0.37, 0.06
HSL	48°, 75%, 77%
HSV	48°, 37%, 94%
XYZ	67.6424, 73.0022, 39.8039
YIQ	219.2880, 33.5190, -18.2650

Conversions

Conversions Part 2

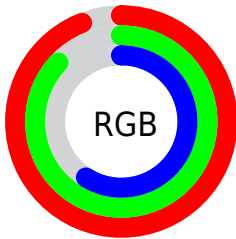
Format	Color
RYB	174, 240, 151
Decimal	15785623
CIELab	88.45, -3.80, 37.08
CIELCh	88, 37.274, 95.858
Yxy	73.0022, 0.3749, 0.4046
Android (android.graphics.Color)	4293975703 (0xFFFF0DE97)
YUV	219.2880, -33.6660, 18.1644
Hunter-Lab	85.4413, -8.2070, 32.1880

Details

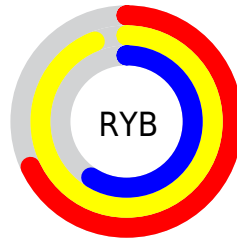
The YUV color $219.2880, -33.6660, 18.1644$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $171.7120, 33.6660, -18.1644$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $164.0320, -32.0608, 16.6349$ is the 20% darker color. If you saturate the color by 10%, you get $213.6170, -42.7022, 23.1379$, and if you desaturate by 10%, it is $224.9590, -24.6298, 13.1910$.

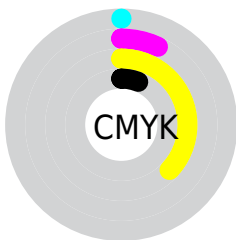
Distribution



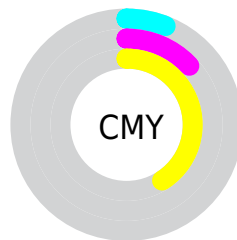
- Red (94%)
- Green (87%)
- Blue (59%)



- Red (68%)
- Yellow (94%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.2880, -33.6660, 18.1644 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 219.2880, -33.6660, 18.1644 by changing the saturation by 10% instead.

■ 219.2880,
-33.6660, 18.1644

■ 219.2880,
-33.6660, 18.1644

255.0000, 0.0000,
0.0000

■ 191.2170,
-32.6450, 17.3497

■ 249.4140,
-21.4031, 4.8989

■ 164.0320,
-32.0608, 16.6349

■ 252.6060, -9.1728,
2.0995

■ 137.5480,
-31.3292, 15.3054

■ 111.4770,
-30.3082, 14.4907

■ 86.8790, -30.0133,
13.2611

■ 62.7540, -30.4447,
11.6167

■ 42.5500, -20.9771,

8.2877

■ 23.0470, -11.3622,
4.3438

■ 0.0000, 0.0000,
0.0000

■ 219.2880,
-33.6660, 18.1644

■ 219.2880,
-33.6660, 18.1644

■ 213.6170,
-42.7022, 23.1379

■ 224.9590,
-24.6298, 13.1910

■ 207.9460,
-51.7384, 28.1114

■ 230.6300,
-15.5936, 8.2175

■ 202.2750,
-60.7746, 33.0848

■ 236.3010, -6.5574,
3.2440

■ 197.1910,
-70.1002, 37.5435

■ 241.3850, 2.7682,
-1.2146

■ 191.5200,
-79.1364, 42.5170

■ 245.2320, 4.8156,
-4.5885

■ 185.8490,
-88.1726, 47.4904

■ 248.1670, 3.3687,
-7.1625

■ 183.8770,
-90.6514, 49.2199

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



217.5270, -29.3468, 32.8638



219.2880, -33.6660, 18.1644



214.8650, -25.5694, -12.1596

Triad

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



219.2880, -33.6660, 18.1644



201.6440, 26.3045, -83.8798



222.3730, 14.6061, 28.6139

Complementary

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



219.2880, -33.6660, 18.1644



171.7120, 33.6660, -18.1644

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.



222.9040, 15.8233, 11.4852



219.2880, -33.6660, 18.1644



205.9070, 24.2028, -63.0624

Square

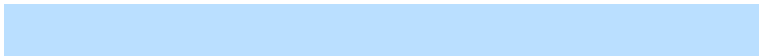
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.2880, -33.6660, 18.1644



204.5240, 11.5737, -72.3735



215.5850, 19.4316, -25.9460



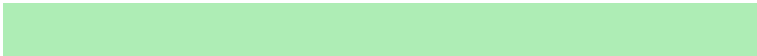
215.3340, 0.3283, 34.7871

Rectangle

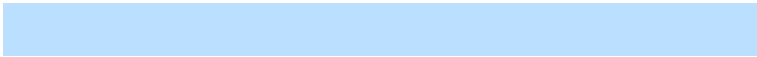
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.2880, -33.6660, 18.1644



211.7790, -15.1740, -33.1322



215.5850, 19.4316, -25.9460



224.4760, 15.0483, 26.7695

Sweetspot

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



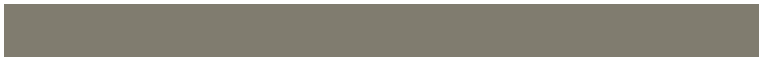
219.2880, -33.6660, 18.1644



248.2860, -10.4940, 5.8882



179.7770, -4.8201, 52.8156



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.



219.2880, -33.6660, 18.1644



228.3890, -43.5758, 23.3378



222.3790, -35.1898, -6.4714



116.8710, -4.3734, 2.7441



140.7180, -69.3740, 37.9583



43.1590, -21.2774, 11.2616

Inverse Universe

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



171.7120, 33.6660, -18.1644



166.6110, 43.5758, -23.3378



168.6210, 35.1898, 6.4714



110.5420, 4.6628, -2.2293



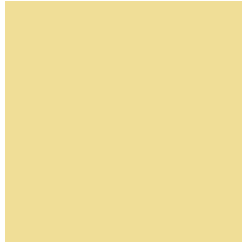
42.6950, 69.6634, -37.4435



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 219.2880, -33.6660, 18.1644 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 219.2880, -33.6660, 18.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

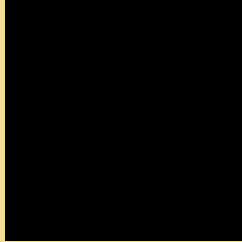
Any Text WCAG AA ✓ Pass

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 219.2880, -33.6660, 18.1644 Background



This preview shows how black text looks on a background with the YUV color 219.2880, -33.6660, 18.1644.



This preview shows how white text looks on a background with the YUV color 219.2880, -33.6660, 18.1644.

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

219.2880, -33.6660, 18.1644

Protanopia

219.2880, -33.6660, 18.1644

Deuteranopia

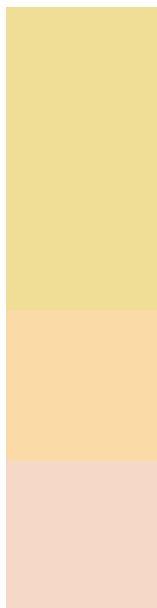
222.2860, -23.8050, 28.6902



Tritanopia

225.0010, 1.9715, 21.0471

Trichromacy



Original Color

219.2880, -33.6660, 18.1644

Protanomaly

219.2880, -33.6660, 18.1644

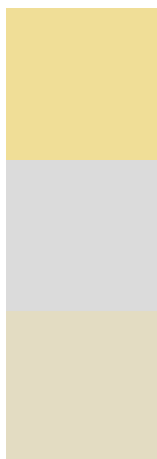
Deuteranomaly

221.6400, -27.4305, 24.8717

Tritanomaly

223.2600, -10.9742, 19.9430

Monochromacy



Original Color

219.2880, -33.6660, 18.1644

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1290, -12.3886, 6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.2880, -33.6660, 18.1644 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(240, 222, 151)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 151)  
}
```

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(240, 222, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 151) }
```

Border

The CSS property to change the border of an element to YUV 219.2880, -33.6660, 18.1644 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(240, 222, 151) }
```


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

```
.border{ border-color:rgb(240, 222, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 151);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 219.2880, -33.6660, 18.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 151) }
```

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

```
.background{ background-color: rgb(240,  
222, 151) }
```

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