

Converting Colors

YUV(233.0800, -28.1404,
19.2238)

Have a look what the booklet for
YUV(233.0800, -28.1404, 19.2238)
contains.

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Color

**YUV(233.0800, -28.1404,
19.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B0
RGB	255, 233, 176
RGB Percent	100%, 91%, 69%
CMY	0.0000, 0.0863, 0.3098
CMYK	0.00, 0.09, 0.31, 0.00
HSL	43°, 100%, 85%
HSV	43°, 31%, 100%
XYZ	78.2154, 82.6724, 52.9093
YIQ	233.0800, 31.4090, -13.0630

Conversions

Conversions Part 2

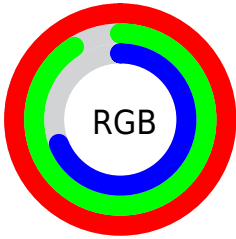
Format	Color
R_{YB}	206, 255, 176
Decimal	16771504
CIE Lab	92.87, -0.72, 30.47
CIE LCh	93, 30.480, 91.358
Yxy	82.6724, 0.3658, 0.3867
Android (android.graphics.Color)	4294961584 (0xFFFFE9B0)
YUV	233.0800, -28.1404, 19.2238
Hunter-Lab	90.9244, -5.5676, 29.1460

Details

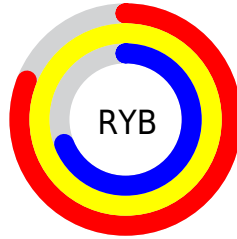
The YUV color $233.0800, -28.1404, 19.2238$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $197.9200, 28.1404, -19.2238$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $176.8240, -26.5352, 17.6944$ is the 20% darker color. If you saturate the color by 10%, you get $226.0070, -37.4715, 25.4269$, and if you desaturate by 10%, it is $240.1530, -18.8094, 13.0208$.

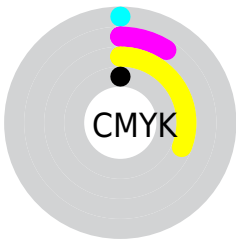
Distribution



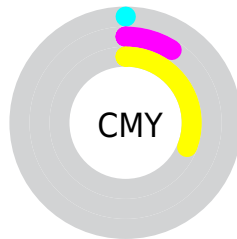
- Red (100%)
- Green (91%)
- Blue (69%)



- Red (81%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.0800, -28.1404, 19.2238 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 233.0800, -28.1404, 19.2238 by changing the saturation by 10% instead.


 233.0800,
-28.1404, 19.2238


 233.0800,
-28.1404, 19.2238


255.0000, 0.0000,
0.0000


 204.8950,
-27.5562, 18.5091


 252.3780,
-10.0464, 2.2995

 176.8240,
-26.5352, 17.6944

 150.3400,
-25.8036, 16.3648

 124.1550,
-25.2194, 15.6501

 99.0840, -24.1984,
14.8353

 74.6000, -23.4668,
13.5058

 51.4750, -23.8982,

11.8614

■ 31.9290, -15.7410,
8.8323

■ 10.6430, -5.2470,
2.9441

■ 233.0800,
-28.1404, 19.2238

■ 233.0800,
-28.1404, 19.2238

■ 226.0070,
-37.4715, 25.4269

■ 240.1530,
-18.8094, 13.0208

■ 219.0480,
-46.3657, 31.5299

■ 247.1120, -9.9152,
6.9178

■ 211.9750,
-55.6967, 37.7329

■ 254.1850, -0.5842,
0.7148

■ 205.0160,
-64.5909, 43.8360

■ 255.0000, 0.0000,
0.0000

■ 197.4700,
-73.1957, 50.4538

■ 190.3970,
-82.5267, 56.6568

■ 184.2530,
-90.8367, 62.0451

Harmonies

Analogous

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



228.1220, -21.7521, 23.5720



233.0800, -28.1404, 19.2238



229.7070, -22.5336, -5.8820

Triad

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



233.0800, -28.1404, 19.2238



220.3710, 17.0721, -62.5924



233.2810, 10.7075, 19.0476

Complementary

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



233.0800, -28.1404, 19.2238



197.9200, 28.1404, -19.2238

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.



234.3780, 10.1666, 5.8075



233.0800, -28.1404, 19.2238



222.2200, 16.1605, -50.1819

Square

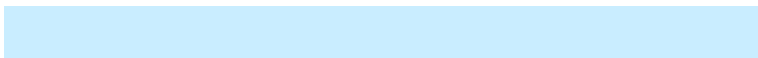
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.0800, -28.1404, 19.2238



222.2660, 6.2779, -53.7303



228.2880, 13.1690, -23.9316



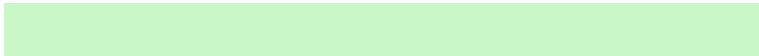
227.9520, 2.9817, 23.7211

Rectangle

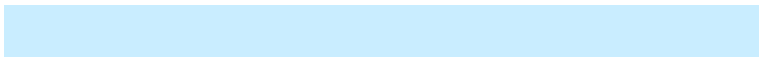
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.0800, -28.1404, 19.2238



227.5460, -15.0592, -23.2808



228.2880, 13.1690, -23.9316



234.4550, 10.1287, 18.0180

Sweetspot

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



233.0800, -28.1404, 19.2238



248.8560, -8.3100, 5.3883



202.1290, -2.0356, 46.3679



123.9420, -5.3944, 3.5589



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

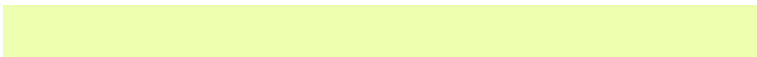
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.0800, -28.1404, 19.2238



229.0220, -33.5348, 22.7827



240.9110, -32.0011, -2.5529



124.1700, -4.5208, 3.3589



138.1150, -68.0907, 46.3801



46.1380, -22.7460, 15.6650

Inverse Universe

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



197.9200, 28.1404, -19.2238



186.9780, 33.5348, -22.7827



190.0890, 32.0011, 2.5529



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 233.0800, -28.1404, 19.2238 looks on a white background.

Color Contrast Check

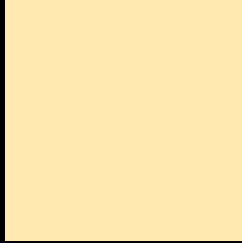
Large Text (above 18pt) WCAG AA × Fail

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 233.0800, -28.1404, 19.2238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

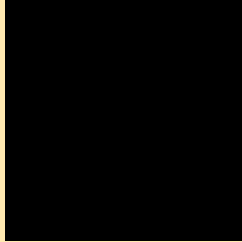
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.0800, -28.1404, 19.2238

Background



This preview shows how black text looks on a background with the YUV color 233.0800, -28.1404, 19.2238.



This preview shows how white text looks on a background with the YUV color 233.0800, -28.1404,

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

233.0800, -28.1404, 19.2238

Protanopia

232.5850, -27.4034, 16.1500

Deuteranopia

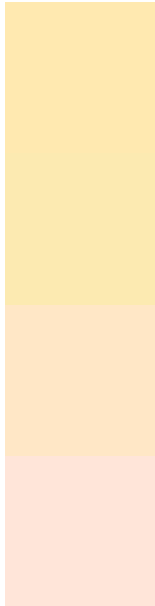
235.1950, -12.4211, 17.3690



Tritanopia

236.8540, 1.5510, 15.9140

Trichromacy



Original Color

233.0800, -28.1404, 19.2238

Protanomaly

232.8840, -27.5508, 16.7647

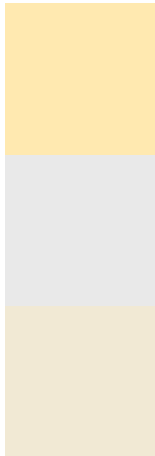
Deuteranomaly

234.4140, -17.9521, 18.0539

Tritanomaly

235.4060, -9.0742, 17.1839

Monochromacy



Original Color

233.0800, -28.1404, 19.2238

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.0800, -28.1404, 19.2238 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 176) }
```

Border

The CSS property to change the border of an element to YUV 233.0800, -28.1404, 19.2238 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, 176) }
```


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

```
.border{ border-color:rgb(255, 233, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 233.0800, -28.1404, 19.2238 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
233, 176) }
```

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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