

Converting Colors

YUV(231.9180, -12.2846,
20.2429)

Have a look what the booklet for
YUV(231.9180, -12.2846, 20.2429)
contains.

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Color

**YUV(231.9180, -12.2846,
20.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1CF
RGB	255, 225, 207
RGB Percent	100%, 88%, 81%
CMY	0.0000, 0.1176, 0.1882
CMYK	0.00, 0.12, 0.19, 0.00
HSL	22°, 100%, 91%
HSV	22°, 19%, 100%
XYZ	79.4277, 79.6154, 70.2125
YIQ	231.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

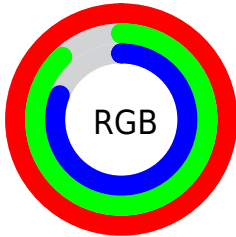
Format	Color
R _Y B	255, 236, 207
Decimal	16769487
CIE Lab	91.51, 7.54, 12.58
CIE LCh	92, 14.666, 59.047
Yxy	79.6154, 0.3465, 0.3473
Android (android.graphics.Color)	4294959567 (0xFFFFE1CF)
YUV	231.9180, -12.2846, 20.2429
Hunter-Lab	89.2275, 2.7474, 15.8043

Details

The YUV color $231.9180, -12.2846, 20.2429$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.0820, 12.2846, -20.2429$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.4340, -11.5530, 18.9134$ is the 20% darker color. If you saturate the color by 10%, you get $219.5620, -19.0111, 31.0791$, and if you desaturate by 10%, it is $244.2740, -5.5581, 9.4067$.

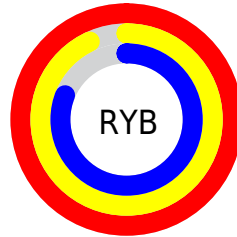
Distribution



Red (100%)

Green (88%)

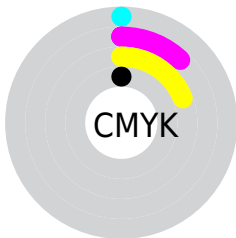
Blue (81%)



Red (100%)

Yellow (93%)

Blue (81%)

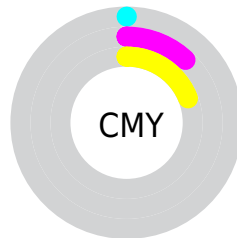


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.9180, -12.2846, 20.2429 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 231.9180, -12.2846, 20.2429 by changing the saturation by 10% instead.

231.9180,
-12.2846, 20.2429

231.9180,
-12.2846, 20.2429

255.0000, 0.0000,
0.0000

203.6190,
-12.1372, 19.6281

176.4340,
-11.5530, 18.9134

149.2490,
-10.9688, 18.1986

123.6510,
-10.6739, 16.9691

98.4660, -10.0897,
16.2543

74.2810, -9.5055,
15.5396

51.6830, -9.2107,

14.3100

■ 29.9710, -9.3527,
13.1804

■ 6.8770, -3.3904,
14.1399

■ 231.9180,
-12.2846, 20.2429

■ 231.9180,
-12.2846, 20.2429

■ 219.5620,
-19.0111, 31.0791

■ 244.2740, -5.5581,
9.4067

■ 207.3200,
-25.3008, 41.8154

255.0000, 0.0000,
0.0000

■ 195.0780,
-31.5905, 52.5516

■ 182.7220,
-38.3169, 63.3878

■ 170.4800,
-44.6066, 74.1240

■ 158.1240,
-51.3331, 84.9603

■ 145.7680,
-58.0596, 95.7965

■ 133.5260,
-64.3493, 106.5327

■ 132.5970,
-65.3703, 107.3474

Harmonies

Analogous

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



231.4110, -6.6116, 20.6876



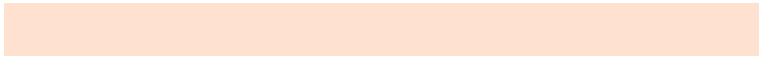
231.9180, -12.2846, 20.2429



230.2220, -13.4204, 11.2063

Triad

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



231.9180, -12.2846, 20.2429



226.0140, 1.9651, -23.6913



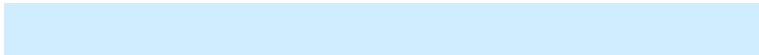
231.9860, 11.3459, 0.8893

Complementary

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



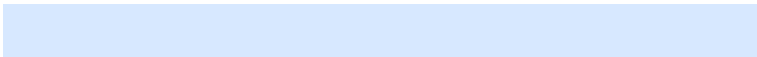
231.9180, -12.2846, 20.2429



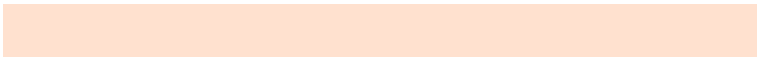
230.0820, 12.2846, -20.2429

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.



229.5390, 12.5523, -12.7507



231.9180, -12.2846, 20.2429



226.4140, 8.6699, -27.5501

Square

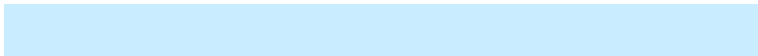
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.9180, -12.2846, 20.2429



226.8320, -5.3402, -13.8847



227.5870, 13.0216, -23.3168



233.2820, 5.7770, 13.7847

Rectangle

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



231.9180, -12.2846, 20.2429



229.3950, -12.5197, 2.2846



227.5870, 13.0216, -23.3168



231.3660, 11.6516, -3.8290

Sweetspot

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



231.9180, -12.2846, 20.2429



247.4200, -3.6581, 6.6477



224.7720, 6.0284, 26.5100



123.4520, -2.1948, 3.9886



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.



231.9180, -12.2846, 20.2429



226.5550, -15.0636, 24.9463



246.0060, -19.2300, 7.8877



121.8220, -3.3632, 5.4181



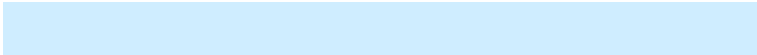
99.3730, -48.9909, 80.3569



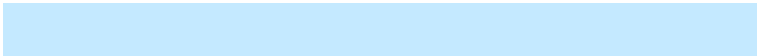
33.2240, -16.3794, 26.9906

Inverse Universe

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



230.0820, 12.2846, -20.2429



224.4450, 15.0636, -24.9463



215.9940, 19.2300, -7.8877



121.1780, 3.3632, -5.4181



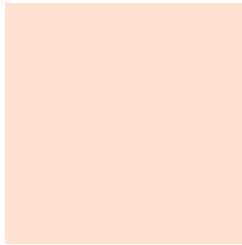
92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 231.9180, -12.2846, 20.2429 looks on a white background.

Color Contrast Check

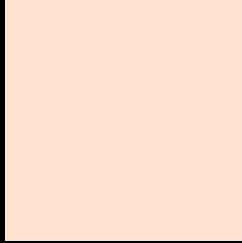
Large Text (above 18pt) WCAG AA × Fail

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 231.9180, -12.2846, 20.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

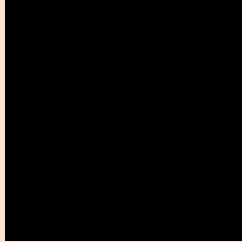
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.9180, -12.2846, 20.2429

Background



This preview shows how black text looks on a background with the YUV color 231.9180, -12.2846, 20.2429.

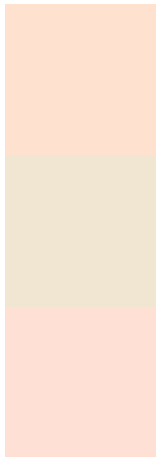


This preview shows how white text looks on a background with the YUV color 231.9180, -12.2846, 20.2429.

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

231.9180, -12.2846, 20.2429

Protanopia

230.7100, -10.2100, 8.1473

Deuteranopia

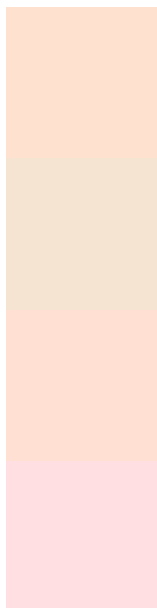
232.0150, -9.3744, 20.1578



Tritanopia

233.5770, 1.6875, 18.7880

Trichromacy



Original Color

231.9180, -12.2846, 20.2429

Protanomaly

230.9170, -10.8051, 12.3508

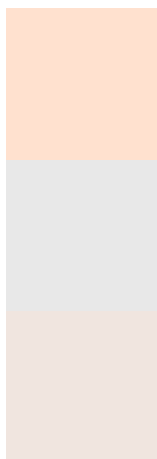
Deuteranomaly

231.7870, -10.2480, 20.3578

Tritanomaly

232.9100, -3.4066, 19.3729

Monochromacy



Original Color

231.9180, -12.2846, 20.2429

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.6050, -4.2423, 7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.9180, -12.2846, 20.2429 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, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 207)  
}
```

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, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 207) }
```

Border

The CSS property to change the border of an element to YUV 231.9180, -12.2846, 20.2429 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, 225, 207) }
```


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

```
.border{ border-color:rgb(255, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 231.9180, -12.2846, 20.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 207) }
```

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

```
.background{ background-color: rgb(255,  
225, 207) }
```

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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