

Converting Colors

YUV(238.2270, -10.9579,
14.7099)

Have a look what the booklet for
YUV(238.2270, -10.9579, 14.7099)
contains.

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Color

**YUV(238.2270, -10.9579,
14.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAD8
RGB	255, 234, 216
RGB Percent	100%, 92%, 85%
CMY	0.0000, 0.0824, 0.1529
CMYK	0.00, 0.08, 0.15, 0.00
HSL	28°, 100%, 92%
HSV	28°, 15%, 100%
XYZ	83.0575, 85.0635, 77.0070
YIQ	238.2270, 18.2940, -1.1460

Conversions

Conversions Part 2

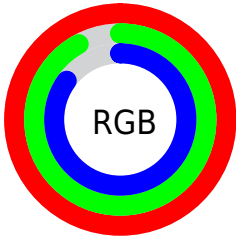
Format	Color
R _Y B	255, 249, 216
Decimal	16771800
CIE Lab	93.91, 4.27, 11.31
CIE LCh	94, 12.090, 69.305
Yxy	85.0635, 0.3388, 0.3470
Android (android.graphics.Color)	4294961880 (0xFFFEAD8)
YUV	238.2270, -10.9579, 14.7099
Hunter-Lab	92.2299, -0.6544, 15.0569

Details

The YUV color $238.2270, -10.9579, 14.7099$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.7730, 10.9579, -14.7099$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.0420, -10.3737, 13.9952$ is the 20% darker color. If you saturate the color by 10%, you get $227.1590, -17.8264, 24.4166$, and if you desaturate by 10%, it is $249.4090, -3.6526, 4.9033$.

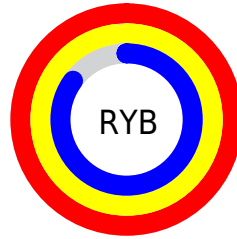
Distribution



Red (100%)

Green (92%)

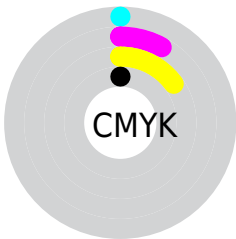
Blue (85%)



Red (100%)

Yellow (98%)

Blue (85%)

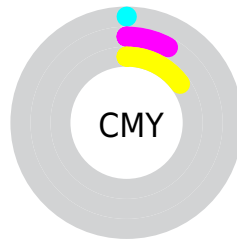


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.2270, -10.9579, 14.7099 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 238.2270, -10.9579, 14.7099 by changing the saturation by 10% instead.

238.2270,
-10.9579, 14.7099

238.2270,
-10.9579, 14.7099

255.0000, 0.0000,
0.0000

209.9280,
-10.8105, 14.0951

182.0420,
-10.3737, 13.9952

155.7430,
-10.2263, 13.3804

129.5580, -9.6421,
12.6656

104.2590, -9.4947,
12.0509

80.0740, -8.9105,
11.3361

56.8890, -8.3263,

10.6213

■ 35.4050, -7.5947,
9.2918

■ 13.6440, -6.7265,
10.8362

■ 238.2270,
-10.9579, 14.7099

■ 238.2270,
-10.9579, 14.7099

■ 227.1590,
-17.8264, 24.4166

■ 249.4090, -3.6526,
4.9033

■ 216.5640,
-25.4211, 33.7084

255.0000, 0.0000,
0.0000

■ 205.4960,
-32.2895, 43.4150

■ 194.3140,
-39.5948, 53.2216

■ 183.2460,
-46.4633, 62.9283

■ 172.6510,
-54.0579, 72.2201

■ 161.4690,
-61.3632, 82.0267

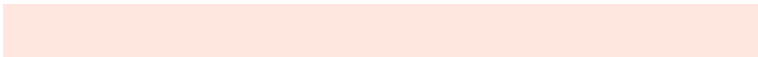
■ 150.4010,
-68.2317, 91.7333

■ 145.5110,
-71.7369, 96.0219

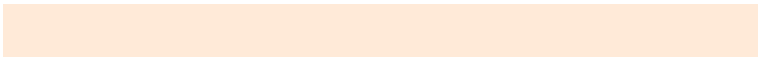
Harmonies

Analogous

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



237.2640, -7.0322, 15.5545



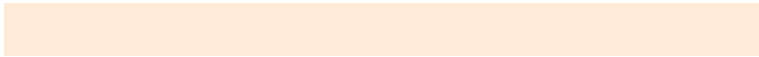
238.2270, -10.9579, 14.7099



236.8730, -10.7834, 5.3734

Triad

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



238.2270, -10.9579, 14.7099



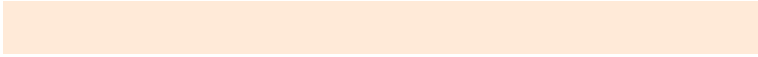
234.0790, 3.4121, -21.1173



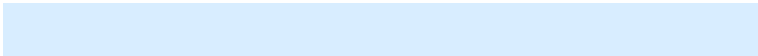
238.7970, 7.9881, 4.5630

Complementary

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



238.2270, -10.9579, 14.7099



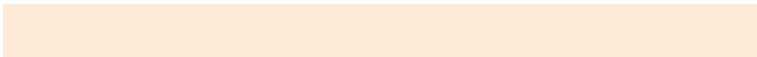
232.7730, 10.9579, -14.7099

Split Complementary

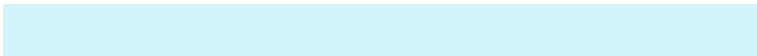
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.9590, 8.8942, -6.1030



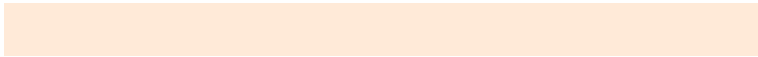
238.2270, -10.9579, 14.7099



234.4470, 8.6536, -22.3170

Square

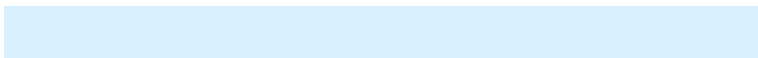
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.2270, -10.9579, 14.7099



234.5160, -2.7194, -14.4845



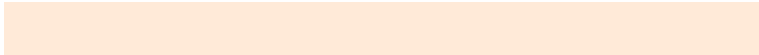
235.4200, 9.6529, -16.1543



239.8860, 3.0142, 13.2550

Rectangle

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



238.2270, -10.9579, 14.7099



235.5840, -9.1619, -1.3892



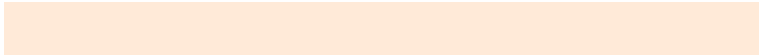
235.4200, 9.6529, -16.1543



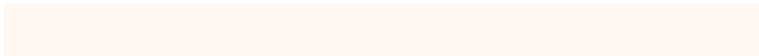
238.7750, 7.9989, 1.0743

Sweetspot

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



238.2270, -10.9579, 14.7099



249.4090, -3.6526, 4.9033



230.0550, 3.4239, 21.8768



124.1530, -2.0474, 3.3738



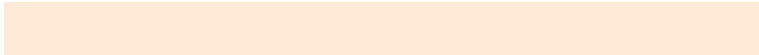
0.0000, 0.0000, 0.0000



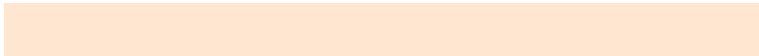
128.0000, 0.0000, 0.0000

Same Dimension

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



238.2270, -10.9579, 14.7099



235.0810, -12.8579, 17.4690



249.3800, -16.4563, 4.9287



122.4090, -3.6526, 4.9033



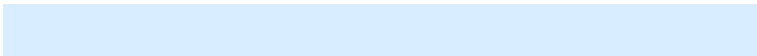
108.7650, -53.6211, 72.1201



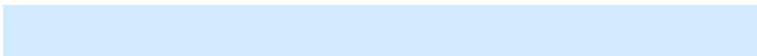
36.1590, -17.8264, 24.4166

Inverse Universe

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



232.7730, 10.9579, -14.7099



228.9190, 12.8579, -17.4690



221.6200, 16.4563, -4.9287



120.5910, 3.6526, -4.9033



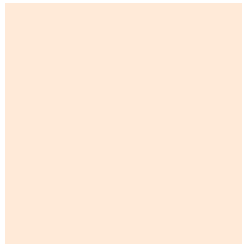
82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 238.2270, -10.9579, 14.7099 looks on a white background.

Color Contrast Check

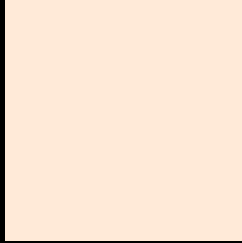
Large Text (above 18pt) WCAG AA × Fail

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 238.2270, -10.9579, 14.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

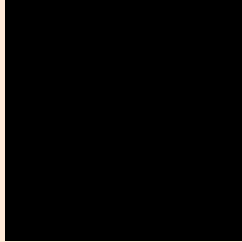
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.2270, -10.9579, 14.7099

Background



This preview shows how black text looks on a background with the YUV color 238.2270, -10.9579, 14.7099.

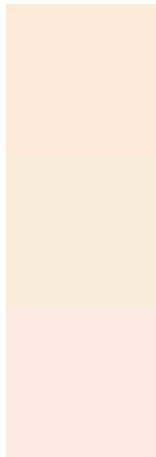


This preview shows how white text looks on a background with the YUV color 238.2270, -10.9579, 14.7099.

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

238.2270, -10.9579, 14.7099

Protanopia

237.7100, -10.2100, 8.1473

Deuteranopia

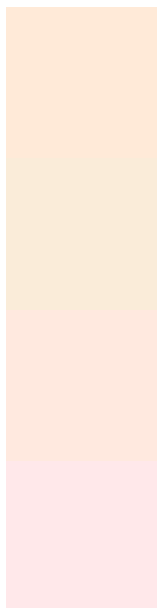
238.8940, -5.8637, 14.1250



Tritanopia

239.7720, 2.5774, 13.3550

Trichromacy



Original Color

238.2270, -10.9579, 14.7099

Protanomaly

238.0200, -10.3629, 10.5065

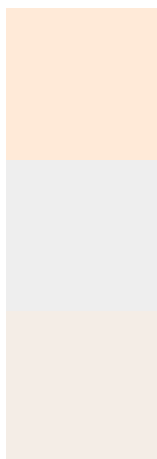
Deuteranomaly

238.4380, -7.6109, 14.5249

Tritanomaly

239.1050, -2.5168, 13.9399

Monochromacy



Original Color

238.2270, -10.9579, 14.7099

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.2950, -4.0894, 5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.2270, -10.9579, 14.7099 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, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 216)  
}
```

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, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 216) }
```

Border

The CSS property to change the border of an element to YUV 238.2270, -10.9579, 14.7099 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, 234, 216) }
```


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

```
.border{ border-color:rgb(255, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 238.2270, -10.9579, 14.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 216) }
```

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

```
.background{ background-color: rgb(255,  
234, 216) }
```

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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