

Converting Colors

YUV(238.7630, -3.8272,
14.2398)

Have a look what the booklet for
YUV(238.7630, -3.8272, 14.2398)
contains.

YUV(238.7630, -3.8272, 14.2398)	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(238.7630, -3.8272,
14.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E7
RGB	255, 232, 231
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0902, 0.0941
CMYK	0.00, 0.09, 0.09, 0.00
HSL	2°, 100%, 95%
HSV	2°, 9%, 100%
XYZ	84.5204, 84.7427, 87.5036
YIQ	238.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

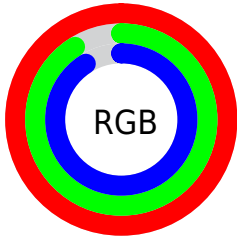
Format	Color
R _Y B	255, 232, 231
Decimal	16771303
CIE Lab	93.77, 7.66, 3.32
CIE LCh	94, 8.346, 23.417
Yxy	84.7427, 0.3292, 0.3300
Android (android.graphics.Color)	4294961383 (0xFFFFE8E7)
YUV	238.7630, -3.8272, 14.2398
Hunter-Lab	92.0558, 2.7908, 8.0810

Details

The YUV color $238.7630, -3.8272, 14.2398$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.2370, 3.8272, -14.2398$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.4640, -3.6798, 13.6251$ is the 20% darker color. If you saturate the color by 10%, you get $221.8250, -7.8017, 29.0945$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

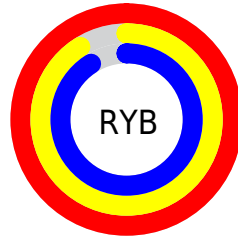
Distribution



Red (100%)

Green (91%)

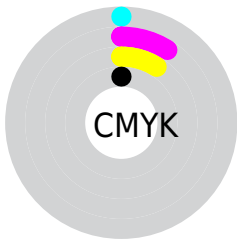
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

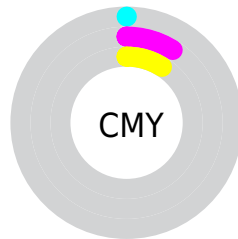


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 238.7630, -3.8272, 14.2398 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 238.7630, -3.8272, 14.2398 by changing the saturation by 10% instead.


 238.7630, -3.8272,
14.2398

 238.7630, -3.8272,
14.2398


255.0000, 0.0000,
0.0000


 210.4640, -3.6798,
13.6251

 182.4640, -3.6798,
13.6251

 156.1650, -3.5323,
13.0103

 129.8660, -3.3849,
12.3955

 104.5670, -3.2375,
11.7807

 80.5670, -3.2375,
11.7807

 57.3820, -2.6533,

11.0660

■ 35.7840, -2.3585,
9.8364

■ 13.1650, -3.5323,
13.0103

■ 238.7630, -3.8272,
14.2398

■ 238.7630, -3.8272,
14.2398

■ 221.8250, -7.8017,
29.0945

255.0000, 0.0000,
0.0000

■ 204.1860,
-11.9237, 44.5639

■ 187.2480,
-15.8983, 59.4185

■ 169.6090,
-20.0202, 74.8879

■ 152.6710,
-23.9948, 89.7425

■ 135.0320,
-28.1168, 105.2119

■ 118.0940,
-32.0913, 120.0666

■ 100.4550,
-36.2133, 135.5360

■ 83.5170, -40.1879,
150.3906

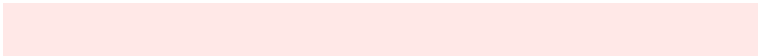
Harmonies

Analogous

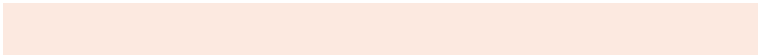
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0770, -0.0380, 12.2105



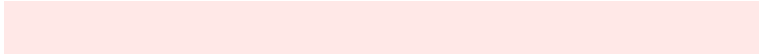
238.7630, -3.8272, 14.2398



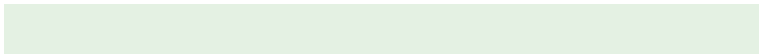
237.6550, -6.7319, 12.5806

Triad

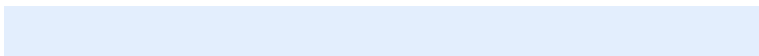
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7630, -3.8272, 14.2398



235.5170, -4.1989, -6.5924



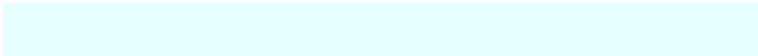
236.4210, 8.1734, -8.2622

Complementary

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



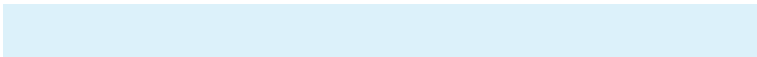
238.7630, -3.8272, 14.2398



247.2370, 3.8272, -14.2398

Split Complementary

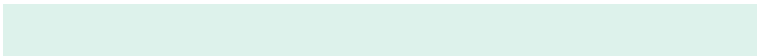
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.7470, 7.0267, -13.8101



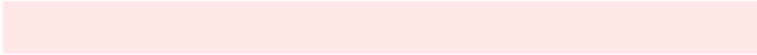
238.7630, -3.8272, 14.2398



234.9230, 0.0380, -12.2105

Square

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



238.7630, -3.8272, 14.2398



236.4640, -7.1308, 0.4701



234.9380, 3.9746, -14.8546



238.1230, 6.8414, -0.9849

Rectangle

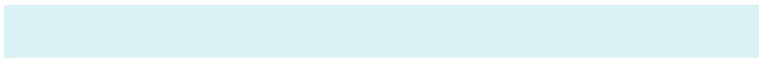
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



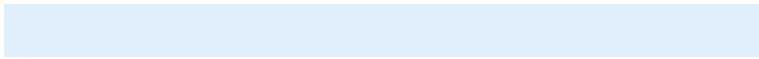
238.7630, -3.8272, 14.2398



237.4050, -7.5947, 9.2918



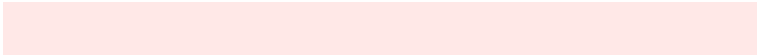
234.9380, 3.9746, -14.8546



235.9970, 7.8895, -10.5214

Sweetspot

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



238.7630, -3.8272, 14.2398



249.9790, -1.4686, 4.4034



240.7980, 6.5086, 12.4552



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



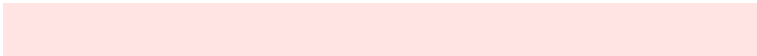
128.0000, 0.0000, 0.0000

Same Dimension

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



238.7630, -3.8272, 14.2398



235.9590, -4.4168, 16.6990



245.8070, -7.2999, 8.0623



118.8870, -1.9163, 7.9921



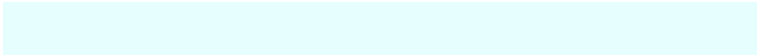
61.8050, -30.4699, 113.3040



20.8970, -10.3022, 37.8013

Inverse Universe

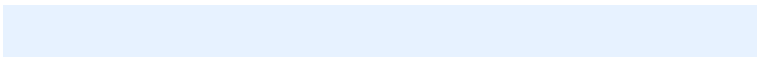
The Inverse Universe completely reimagines the original color for something new.



247.2370, 3.8272, -14.2398



246.0410, 4.4168, -16.6990



240.1930, 7.2999, -8.0623



123.5260, 2.2057, -7.4773



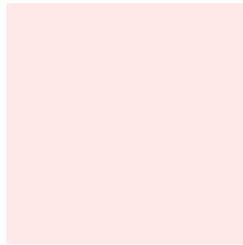
129.1950, 30.4699, -113.3040



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 238.7630, -3.8272, 14.2398 looks on a white background.

Color Contrast Check

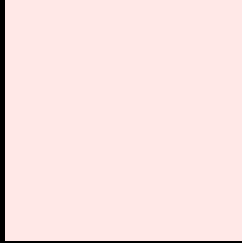
Large Text (above 18pt) WCAG AA × Fail

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 238.7630, -3.8272, 14.2398 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

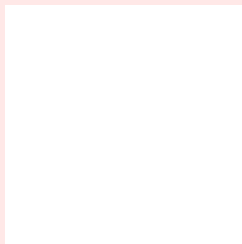
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.7630, -3.8272, 14.2398

Background



This preview shows how black text looks on a background with the YUV color 238.7630, -3.8272, 14.2398.



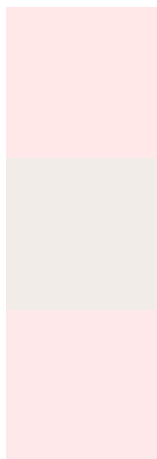
This preview shows how white text looks on a background with the YUV color 238.7630, -3.8272,

14.2398.

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

238.7630, -3.8272, 14.2398

Protanopia

237.4520, -2.1948, 3.9886

Deuteranopia

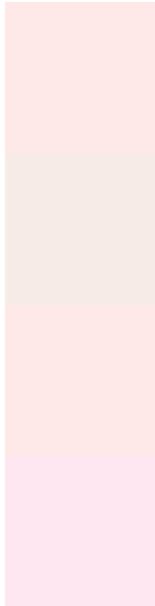
238.9910, -2.9536, 14.0399



Tritanopia

239.2990, 3.3036, 13.7698

Trichromacy



Original Color

238.7630, -3.8272, 14.2398

Protanomaly

238.2460, -3.0793, 7.6773

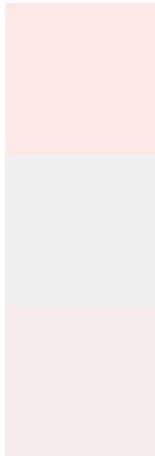
Deuteranomaly

238.8770, -3.3904, 14.1399

Tritanomaly

239.3160, 0.8302, 13.7549

Monochromacy



Original Color

238.7630, -3.8272, 14.2398

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7630, -3.8272, 14.2398 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, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 231)  
}
```

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, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 231) }
```

Border

The CSS property to change the border of an element to YUV 238.7630, -3.8272, 14.2398 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, 232, 231) }
```


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

```
.border{ border-color:rgb(255, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 238.7630, -3.8272, 14.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 231) }
```

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

```
.background{ background-color: rgb(255,  
232, 231) }
```

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