

Converting Colors

YUV(229.1610, -7.4744,
17.3988)

Have a look what the booklet for
YUV(229.1610, -7.4744, 17.3988)
contains.

YUV(229.1610, -7.4744, 17.3988)	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(229.1610, -7.4744,
17.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DED6
RGB	249, 222, 214
RGB Percent	98%, 87%, 84%
CMY	0.0235, 0.1294, 0.1608
CMYK	0.00, 0.11, 0.14, 0.02
HSL	14°, 74%, 91%
HSV	14°, 14%, 98%
XYZ	77.3258, 77.2373, 74.4511
YIQ	229.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

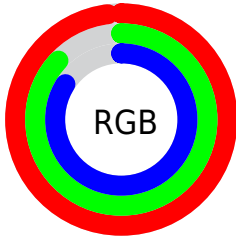
Format	Color
R _Y B	249, 224, 214
Decimal	16375510
CIE Lab	90.43, 8.01, 7.30
CIE LCh	90, 10.841, 42.351
Yxy	77.2373, 0.3376, 0.3373
Android (android.graphics.Color)	4294565590 (0xFFFF9DED6)
YUV	229.1610, -7.4744, 17.3988
Hunter-Lab	87.8848, 3.2557, 11.2921

Details

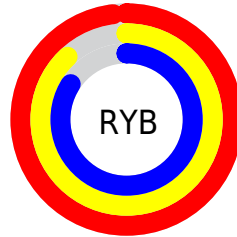
The YUV color $229.1610, -7.4744, 17.3988$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $233.8390, 7.4744, -17.3988$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.5630, -7.1796, 16.1692$ is the 20% darker color. If you saturate the color by 10%, you get $215.1580, -12.8959, 29.6794$, and if you desaturate by 10%, it is $243.1640, -2.0529, 5.1182$.

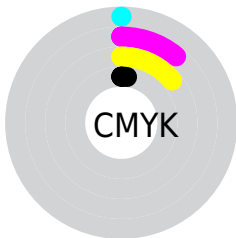
Distribution



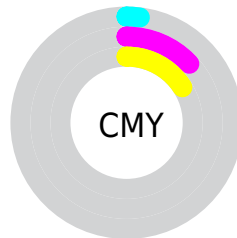
- Red (98%)
- Green (87%)
- Blue (84%)



- Red (98%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.1610, -7.4744, 17.3988 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 229.1610, -7.4744, 17.3988 by changing the saturation by 10% instead.


 229.1610, -7.4744,
17.3988


 229.1610, -7.4744,
17.3988


255.0000, 0.0000,
0.0000


 200.8620, -7.3270,
16.7840

 173.5630, -7.1796,
16.1692

 147.2640, -7.0322,
15.5545

 121.0790, -6.4479,
14.8397

 96.1930, -6.0111,
14.7397

 72.5950, -5.7163,
13.5102

 49.9970, -5.4215,

12.2806

■ 28.6980, -5.2741,
11.6659

■ 5.9800, -2.9481,
12.2955

■ 229.1610, -7.4744,
17.3988

■ 229.1610, -7.4744,
17.3988

■ 215.1580,
-12.8959, 29.6794

■ 243.1640, -2.0529,
5.1182

■ 201.1550,
-18.3174, 41.9601

■ 253.2060, 0.8844,
-3.6887

■ 186.5650,
-23.4495, 54.7555

■ 172.5620,
-28.8711, 67.0361

■ 158.6730,
-33.8558, 79.2168

■ 144.6700,
-39.2773, 91.4974

■ 130.6670,
-44.6988, 103.7780

■ 116.0770,
-49.8310, 116.5735

■ 107.9100,
-53.1996, 123.7359

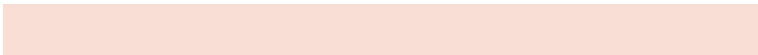
Harmonies

Analogous

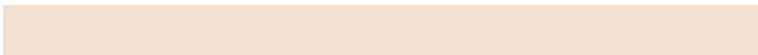
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0130, -2.9644, 17.5286



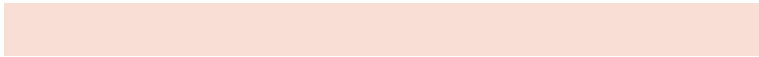
229.1610, -7.4744, 17.3988



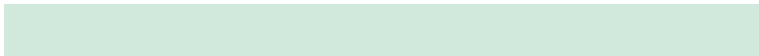
228.1450, -9.9315, 12.1508

Triad

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



229.1610, -7.4744, 17.3988



224.4560, -1.7038, -13.5549



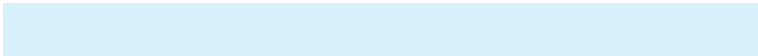
227.8990, 9.9098, -5.1734

Complementary

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



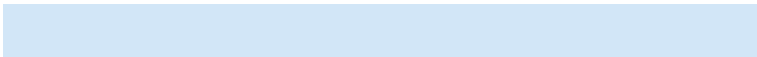
229.1610, -7.4744, 17.3988



233.8390, 7.4744, -17.3988

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.



225.9580, 10.3737, -13.9952



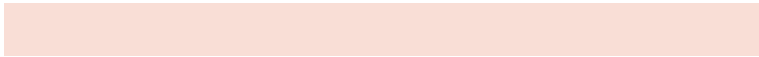
229.1610, -7.4744, 17.3988



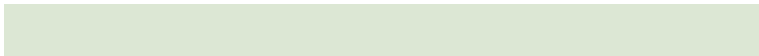
224.5030, 3.6960, -18.8581

Square

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



229.1610, -7.4744, 17.3988



225.5450, -6.6777, -4.8630



224.9420, 7.9166, -19.2431



229.4550, 6.6777, 4.8630

Rectangle

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



229.1610, -7.4744, 17.3988



227.4110, -10.0626, 7.5326



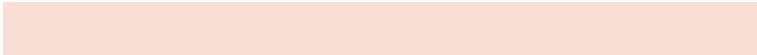
224.9420, 7.9166, -19.2431



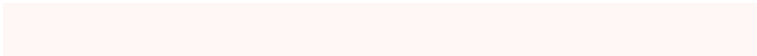
227.2900, 10.2100, -8.1473

Sweetspot

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



229.1610, -7.4744, 17.3988



249.1640, -2.0529, 5.1182



227.5430, 6.6343, 18.8178



124.2670, -1.6106, 3.2738



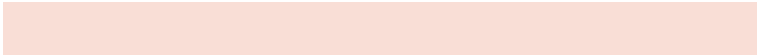
0.0000, 0.0000, 0.0000



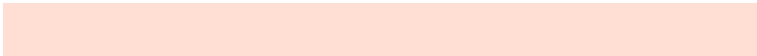
128.0000, 0.0000, 0.0000

Same Dimension

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



229.1610, -7.4744, 17.3988



230.7270, -9.2324, 21.2874



239.1400, -12.3940, 8.6472



117.6480, -2.7845, 6.4477



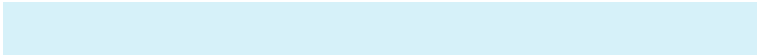
81.7520, -40.3037, 94.0565



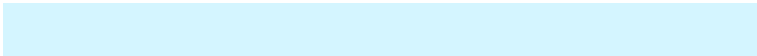
26.4570, -13.0433, 30.2942

Inverse Universe

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



233.8390, 7.4744, -17.3988



236.2730, 9.2324, -21.2874



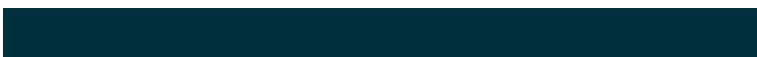
223.8600, 12.3940, -8.6472



119.3520, 2.7845, -6.4477



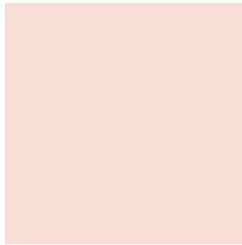
107.2480, 40.3037, -94.0565



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 229.1610, -7.4744, 17.3988 looks on a white background.

Color Contrast Check

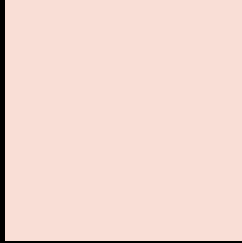
Large Text (above 18pt) WCAG AA × Fail

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 229.1610, -7.4744, 17.3988 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 229.1610, -7.4744, 17.3988

Background



This preview shows how black text looks on a background with the YUV color 229.1610, -7.4744, 17.3988.



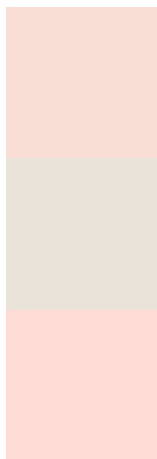
This preview shows how white text looks on a background with the YUV color 229.1610, -7.4744,

17.3988.

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

229.1610, -7.4744, 17.3988

Protanopia

227.9530, -5.3998, 5.3032

Deuteranopia

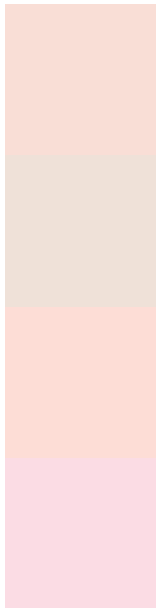
229.7810, -7.7800, 22.1171



Tritanopia

230.8050, 2.5611, 18.5880

Trichromacy



Original Color

229.1610, -7.4744, 17.3988

Protanomaly

228.1600, -5.9949, 9.5067

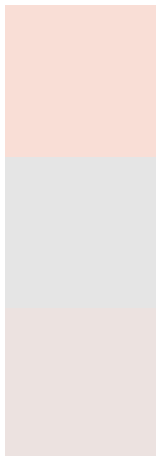
Deuteranomaly

229.7700, -7.7746, 20.3727

Tritanomaly

230.1810, -1.0752, 18.2583

Monochromacy



Original Color

229.1610, -7.4744, 17.3988

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.1610, -7.4744, 17.3988 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(249, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 214)  
}
```

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(249, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 214) }
```

Border

The CSS property to change the border of an element to YUV 229.1610, -7.4744, 17.3988 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(249, 222, 214) }
```


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

```
.border{ border-color:rgb(249, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 229.1610, -7.4744, 17.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 214) }
```

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

```
.background{ background-color: rgb(249,  
222, 214) }
```

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