

Converting Colors

YUV(237.8340, -4.8482,
15.0546)

Have a look what the booklet for
YUV(237.8340, -4.8482, 15.0546)
contains.

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Color

**YUV(237.8340, -4.8482,
15.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7E4
RGB	255, 231, 228
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0941, 0.1059
CMYK	0.00, 0.09, 0.11, 0.00
HSL	7°, 100%, 95%
HSV	7°, 11%, 100%
XYZ	83.8195, 84.0133, 85.1972
YIQ	237.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 231, 228
Decimal	16771044
CIE _{Lab}	93.46, 7.69, 4.42
CIE _{LCh}	93, 8.868, 29.900
Yxy	84.0133, 0.3313, 0.3320
Android (android.graphics.Color)	4294961124 (0xFFFE7E4)
YUV	237.8340, -4.8482, 15.0546
Hunter-Lab	91.6587, 2.8307, 9.0508

Details

The YUV color $237.8340, -4.8482, 15.0546$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.1660, 4.8482, -15.0546$, 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 $181.6490, -4.2640, 14.3398$ is the 20% darker color. If you saturate the color by 10%, you get $221.4830, -9.1121, 29.3944$, and if you desaturate by 10%, it is $254.2990, -0.1474, 0.6148$.

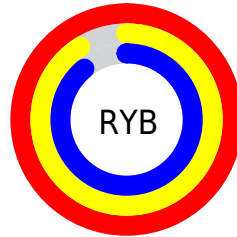
Distribution



Red (100%)

Green (91%)

Blue (89%)



Red (100%)

Yellow (91%)

Blue (89%)



Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 237.8340, -4.8482, 15.0546 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 237.8340, -4.8482, 15.0546 by changing the saturation by 10% instead.

 237.8340, -4.8482,
15.0546

 237.8340, -4.8482,
15.0546

255.0000, 0.0000,
0.0000


 209.5350, -4.7008,
14.4398

 181.6490, -4.2640,
14.3398

 155.2360, -4.5533,
13.8250

 128.9370, -4.4059,
13.2103

 103.7520, -3.8217,
12.4955

 79.4530, -3.6743,
11.8807

 57.1540, -3.5269,

11.2659

■ 34.9690, -2.9427,
10.5512

■ 12.1220, -4.9901,
13.9250

■ 237.8340, -4.8482,
15.0546

■ 237.8340, -4.8482,
15.0546

■ 221.4830, -9.1121,
29.3944

254.2990, -0.1474,
0.6148

■ 205.6050,
-14.1023, 43.3194

255.0000, 0.0000,
0.0000

■ 189.2540,
-18.3662, 57.6592

■ 172.7890,
-23.0670, 72.0990

■ 157.0250,
-27.6203, 85.9241

■ 140.5600,
-32.3211, 100.3639

■ 124.2090,
-36.5850, 114.7037

■ 108.3310,
-41.5752, 128.6287

■ 92.6810, -45.6917,
142.3538

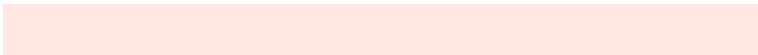
Harmonies

Analogous

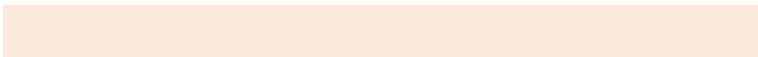
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4470, -1.2064, 13.6400



237.8340, -4.8482, 15.0546



237.1280, -7.4581, 12.1657

Triad

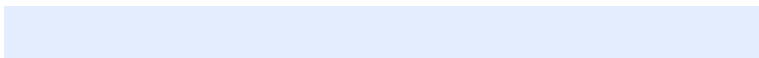
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.8340, -4.8482, 15.0546



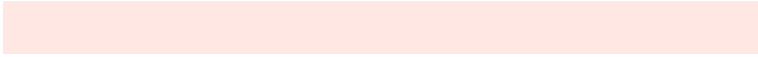
233.7340, -3.3199, -8.5367



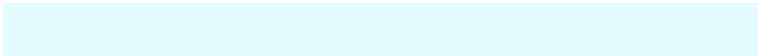
236.1330, 8.3154, -7.1326

Complementary

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



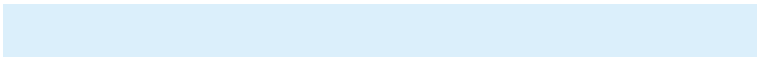
237.8340, -4.8482, 15.0546



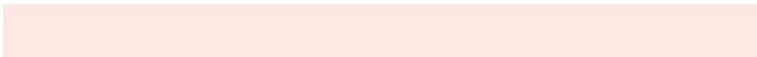
245.1660, 4.8482, -15.0546

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.



234.3880, 8.1897, -13.4953



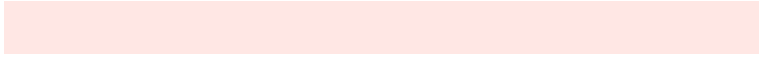
237.8340, -4.8482, 15.0546



233.2540, 1.3538, -14.2548

Square

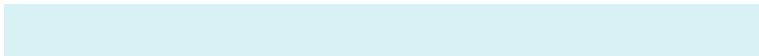
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.8340, -4.8482, 15.0546



234.8660, -6.8359, -0.7595



233.5680, 5.1430, -16.2841



237.1340, 6.8359, 0.7595

Rectangle

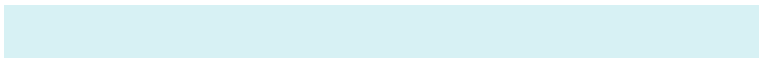
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



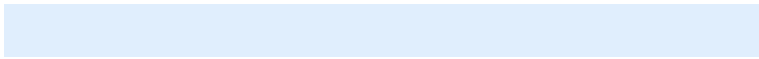
237.8340, -4.8482, 15.0546



236.8780, -8.3209, 8.8770



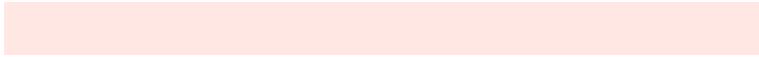
233.5680, 5.1430, -16.2841



235.5240, 8.6157, -10.1065

Sweetspot

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



237.8340, -4.8482, 15.0546



249.9790, -1.4686, 4.4034



238.8090, 6.5032, 14.1995



124.3810, -1.1738, 3.1739



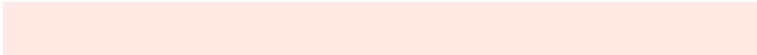
0.0000, 0.0000, 0.0000



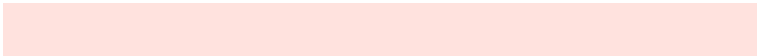
128.0000, 0.0000, 0.0000

Same Dimension

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



237.8340, -4.8482, 15.0546



234.2150, -6.0220, 18.2284



245.4650, -8.6102, 8.3622



119.4740, -2.2057, 7.4773



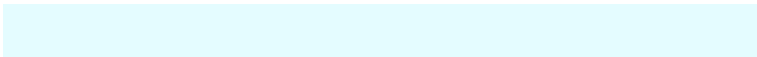
69.4360, -34.2319, 106.6116



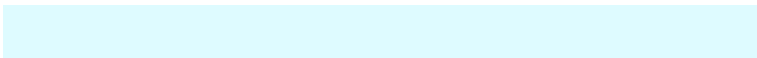
23.2450, -11.4598, 35.7421

Inverse Universe

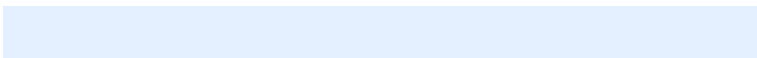
The Inverse Universe completely reimagines the original color for something new.



245.1660, 4.8482, -15.0546



242.7850, 6.0220, -18.2284



237.5350, 8.6102, -8.3622



122.9390, 2.4951, -6.9625



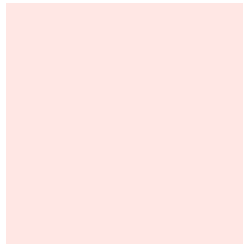
121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421

Previews

White Background



This preview shows how the YUV color 237.8340, -4.8482, 15.0546 looks on a white background.

Color Contrast Check

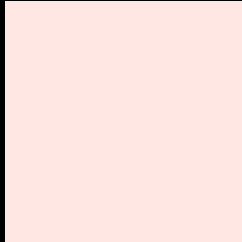
Large Text (above 18pt) WCAG AA × Fail

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 237.8340, -4.8482, 15.0546 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

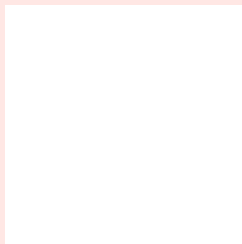
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.8340, -4.8482, 15.0546

Background



This preview shows how black text looks on a background with the YUV color 237.8340, -4.8482, 15.0546.



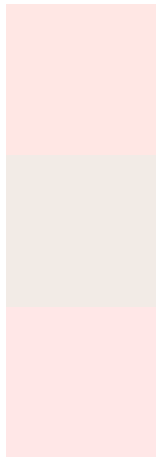
This preview shows how white text looks on a background with the YUV color 237.8340, -4.8482,

15.0546.

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

237.8340, -4.8482, 15.0546

Protanopia

236.5230, -3.2158, 4.8033

Deuteranopia

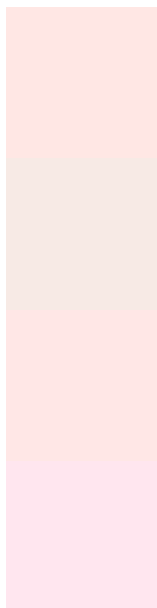
238.1760, -3.5378, 14.7546



Tritanopia

238.5980, 3.1562, 14.3846

Trichromacy



Original Color

237.8340, -4.8482, 15.0546

Protanomaly

237.3170, -4.1003, 8.4920

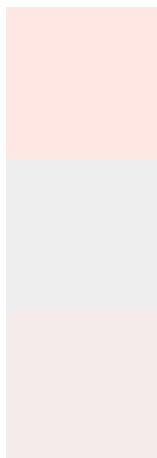
Deuteranomaly

238.0620, -3.9746, 14.8546

Tritanomaly

238.5010, 0.2460, 14.4696

Monochromacy



Original Color

237.8340, -4.8482, 15.0546

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.5770, -1.7635, 5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.8340, -4.8482, 15.0546 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, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 228)  
}
```

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, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 228) }
```

Border

The CSS property to change the border of an element to YUV 237.8340, -4.8482, 15.0546 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, 231, 228) }
```


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

```
.border{ border-color:rgb(255, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 237.8340, -4.8482, 15.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 228) }
```

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

```
.background{ background-color: rgb(255,  
231, 228) }
```

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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