

Converting Colors

YUV(237.4750, -3.6852,
15.3694)

Have a look what the booklet for
YUV(237.4750, -3.6852, 15.3694)
contains.

YUV(237.4750, -3.6852, 15.3694)	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(237.4750, -3.6852,
15.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E6
RGB	255, 230, 230
RGB Percent	100%, 90%, 90%
CMY	0.0000, 0.0980, 0.0980
CMYK	0.00, 0.10, 0.10, 0.00
HSL	0°, 100%, 95%
HSV	0°, 10%, 100%
XYZ	83.8197, 83.5668, 86.5751
YIQ	237.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 230, 230
Decimal	16770790
CIE Lab	93.26, 8.53, 3.10
CIE LCh	93, 9.071, 19.967
Yxy	83.5668, 0.3300, 0.3291
Android (android.graphics.Color)	4294960870 (0xFFFFE6E6)
YUV	237.4750, -3.6852, 15.3694
Hunter-Lab	91.4149, 3.6934, 7.8394

Details

The YUV color $237.4750, -3.6852, 15.3694$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.5250, 3.6852, -15.3694$, 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 $181.2900, -3.1010, 14.6547$ is the 20% darker color. If you saturate the color by 10%, you get $219.9500, -7.3703, 30.7389$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



Red (100%)

Green (90%)

Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)



Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 237.4750, -3.6852, 15.3694 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 237.4750, -3.6852, 15.3694 by changing the saturation by 10% instead.

 237.4750, -3.6852,
15.3694

 237.4750, -3.6852,
15.3694

255.0000, 0.0000,
0.0000


 209.1760, -3.5378,
14.7546

 181.2900, -3.1010,
14.6547

 154.8770, -3.3904,
14.1399

 128.5780, -3.2430,
13.5251

 103.2790, -3.0955,
12.9103

 79.0940, -2.5113,
12.1956

 56.6810, -2.8007,

11.6808

■ 35.0830, -2.5059,
10.4512

■ 11.8770, -3.3904,
14.1399

■ 237.4750, -3.6852,
15.3694

■ 237.4750, -3.6852,
15.3694

■ 219.9500, -7.3703,
30.7389

255.0000, 0.0000,
0.0000

■ 201.7240,
-11.2029, 46.7231

■ 184.1990,
-14.8881, 62.0925

■ 165.9730,
-18.7207, 78.0767

■ 148.4480,
-22.4059, 93.4461

■ 130.2220,
-26.2384, 109.4303

■ 112.6970,
-29.9236, 124.7997

■ 94.4710, -33.7562,
140.7839

■ 76.9460, -37.4414,
156.1534

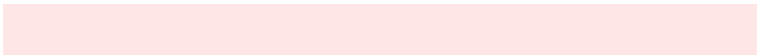
Harmonies

Analogous

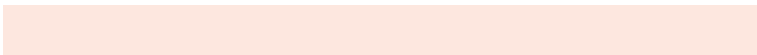
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.6040, 0.6882, 12.6253



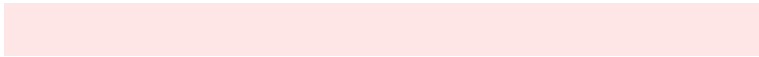
237.4750, -3.6852, 15.3694



236.6660, -6.7373, 14.3249

Triad

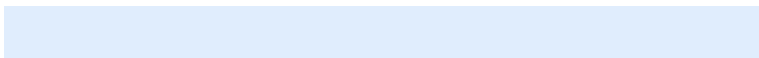
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.4750, -3.6852, 15.3694



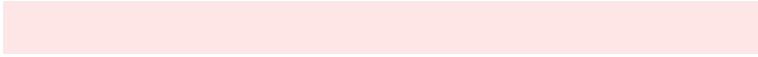
233.4030, -4.6357, -6.4924



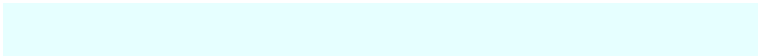
234.9370, 8.9051, -9.5917

Complementary

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



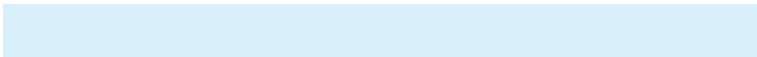
237.4750, -3.6852, 15.3694



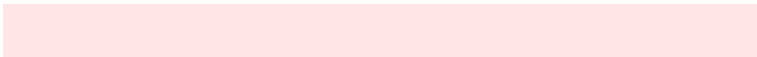
247.5250, 3.6852, -15.3694

Split Complementary

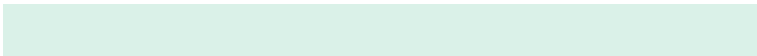
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.8500, 7.4690, -15.6544



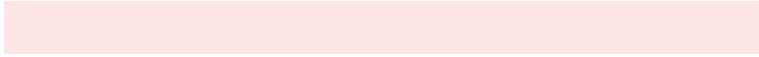
237.4750, -3.6852, 15.3694



233.0970, -0.5408, -13.2401

Square

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



237.4750, -3.6852, 15.3694



234.9480, -7.8624, 1.7996



232.9270, 3.9800, -16.5990



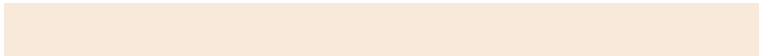
236.0520, 7.8624, -1.7996

Rectangle

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



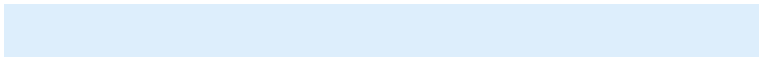
237.4750, -3.6852, 15.3694



236.1880, -8.4737, 11.2361



232.9270, 3.9800, -16.5990



234.5130, 8.6211, -11.8509

Sweetspot

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



237.4750, -3.6852, 15.3694



249.3920, -1.1793, 4.9182



240.3250, 7.2348, 12.8700



123.7940, -0.8844, 3.6887



0.0000, 0.0000, 0.0000



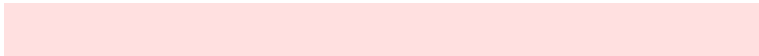
128.0000, 0.0000, 0.0000

Same Dimension

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



237.4750, -3.6852, 15.3694



233.2690, -4.5696, 19.0581



245.1060, -7.4473, 8.6770



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457

Inverse Universe

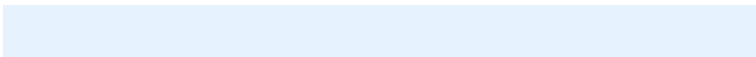
The Inverse Universe completely reimagines the original color for something new.



247.5250, 3.6852, -15.3694



245.7310, 4.5696, -19.0581



240.4810, 7.1579, -9.1918



124.1130, 1.9163, -7.9921



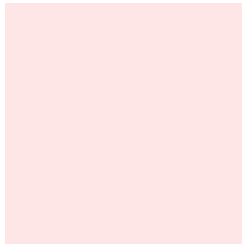
133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 237.4750, -3.6852, 15.3694 looks on a white background.

Color Contrast Check

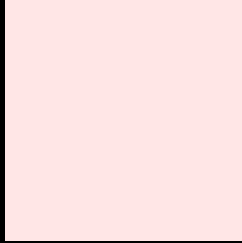
Large Text (above 18pt) WCAG AA × Fail

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 237.4750, -3.6852, 15.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

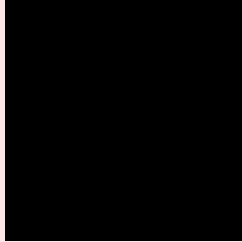
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

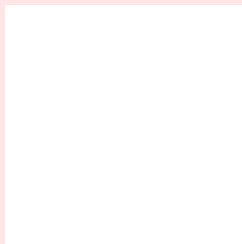
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.4750, -3.6852, 15.3694

Background



This preview shows how black text looks on a background with the YUV color 237.4750, -3.6852, 15.3694.



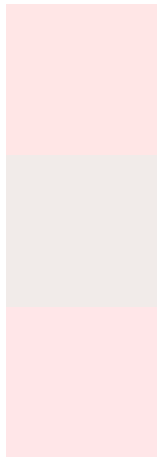
This preview shows how white text looks on a background with the YUV color 237.4750, -3.6852,

15.3694.

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

237.4750, -3.6852, 15.3694

Protanopia

236.5660, -1.7580, 3.8886

Deuteranopia

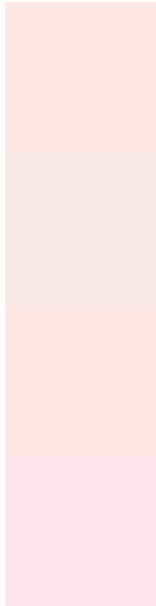
237.7030, -2.8116, 15.1695



Tritanopia

237.8970, 3.0088, 14.9993

Trichromacy



Original Color

237.4750, -3.6852, 15.3694

Protanomaly

236.7730, -2.3531, 8.0921

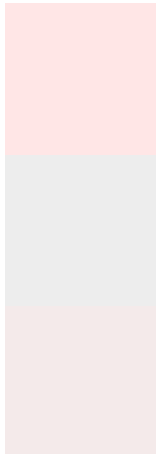
Deuteranomaly

237.5890, -3.2484, 15.2694

Tritanomaly

237.9140, 0.5354, 14.9844

Monochromacy



Original Color

237.4750, -3.6852, 15.3694

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.4750, -3.6852, 15.3694 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 230) }
```

Border

The CSS property to change the border of an element to YUV 237.4750, -3.6852, 15.3694 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, 230, 230) }
```


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

```
.border{ border-color:rgb(255, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 237.4750, -3.6852, 15.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 230) }
```

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

```
.background{ background-color: rgb(255,  
230, 230) }
```

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