

Converting Colors

YUV(247.7450, 0.1257, 6.3626)

Have a look what the booklet for
YUV(247.7450, 0.1257, 6.3626)
contains.

YUV(247.7450, 0.1257, 6.3626)	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(247.7450, 0.1257,
6.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F8
RGB	255, 244, 248
RGB Percent	100%, 96%, 97%
CMY	0.0000, 0.0431, 0.0275
CMYK	0.00, 0.04, 0.03, 0.00
HSL	338°, 100%, 98%
HSV	338°, 4%, 100%
XYZ	90.5340, 92.7387, 101.9356
YIQ	247.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 244, 248
Decimal	16774392
CIE _{Lab}	97.12, 4.37, -0.62
CIE _{LCh}	97, 4.408, 351.974
Yxy	92.7387, 0.3174, 0.3252
Android (android.graphics.Color)	4294964472 (0xFFFFF4F8)
YUV	247.7450, 0.1257, 6.3626
Hunter-Lab	96.3009, -0.7161, 4.6515

Details

The YUV color $247.7450, 0.1257, 6.3626$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.2550, -0.1257, -6.3626$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.4460, 0.2731, 5.7479$ is the 20% darker color. If you saturate the color by 10%, you get $231.2460, 0.3717, 20.8323$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



Red (100%)

Green (96%)

Blue (97%)



Red (100%)

Yellow (96%)

Blue (97%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 247.7450, 0.1257, 6.3626 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 247.7450, 0.1257, 6.3626 by changing the saturation by 10% instead.


 247.7450, 0.1257,
6.3626


 247.7450, 0.1257,
6.3626

255.0000, 0.0000,
0.0000


 219.3320, -0.1637,
5.8478

 191.4460, 0.2731,
5.7479

 164.4460, 0.2731,
5.7479

 138.0330, -0.0163,
5.2331

 112.4460, 0.2731,
5.7479

 88.0330, -0.0163,
5.2331

 64.7340, 0.1311,

4.6183

■ 42.7340, 0.1311,
4.6183

■ 22.4350, 0.2785,
4.0035

■ 247.7450, 0.1257,
6.3626

■ 247.7450, 0.1257,
6.3626

■ 231.2460, 0.3717,
20.8323

255.0000, 0.0000,
0.0000

■ 214.1600, 0.9071,
35.8167

■ 197.5470, 0.7163,
50.3863

■ 180.4610, 1.2517,
65.3707

■ 163.9620, 1.4977,
79.8403

■ 146.8760, 2.0331,
94.8247

■ 130.2630, 1.8423,
109.3943

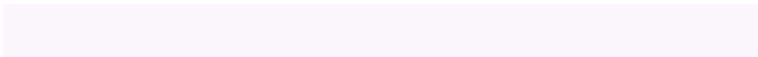
■ 113.1770, 2.3777,
124.3788

■ 96.6780, 2.6237,
138.8484

Harmonies

Analogous

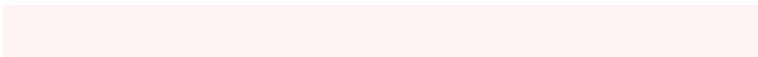
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5920, 2.1731, 2.9888



247.7450, 0.1257, 6.3626



247.2890, -1.6215, 6.7625

Triad

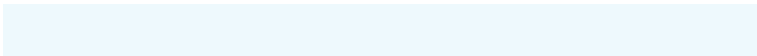
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.7450, 0.1257, 6.3626



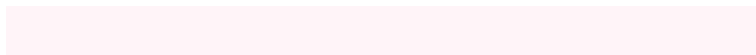
246.0880, -3.4944, 0.7998



246.1670, 3.3687, -7.1625

Complementary

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



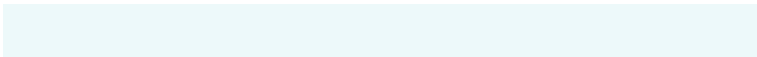
247.7450, 0.1257, 6.3626



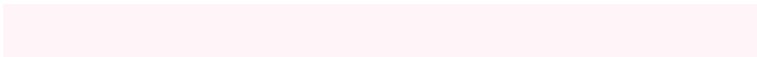
251.2550, -0.1257, -6.3626

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.



245.5260, 2.2057, -7.4773



247.7450, 0.1257, 6.3626



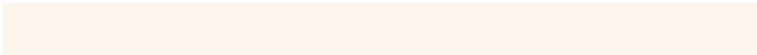
245.9950, -2.4625, -3.5036

Square

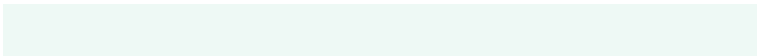
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



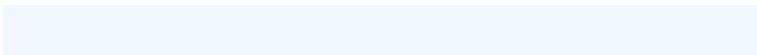
247.7450, 0.1257, 6.3626



246.8820, -4.3788, 4.4885



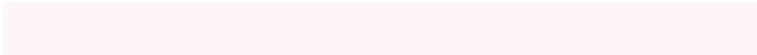
245.2550, -0.1257, -6.3626



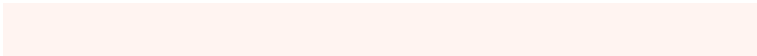
246.1180, 4.3788, -4.4885

Rectangle

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



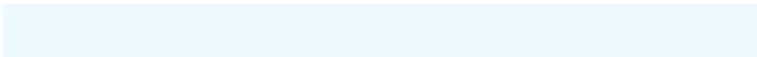
247.7450, 0.1257, 6.3626



246.9470, -2.9319, 7.0625



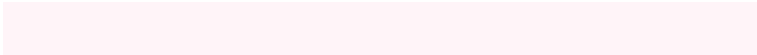
245.2550, -0.1257, -6.3626



245.7540, 3.0793, -7.6773

Sweetspot

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



247.7450, 0.1257, 6.3626



253.0110, -0.0054, 1.7444



247.3470, 3.7729, 3.2037



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

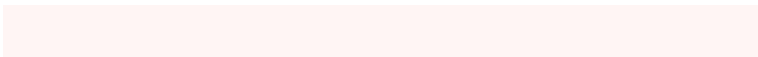
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.7450, 0.1257, 6.3626



246.4570, 0.2677, 7.4922



247.8760, -1.9109, 6.2477



122.7340, 0.1311, 4.6183



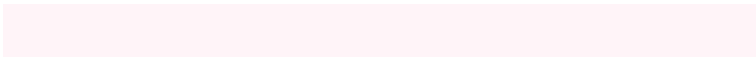
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Inverse Universe

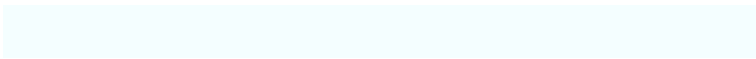
The Inverse Universe completely reimagines the original color for something new.



247.7450, 0.1257, 6.3626



246.4570, 0.2677, 7.4922



251.1240, 1.9109, -6.2477



122.7340, 0.1311, 4.6183



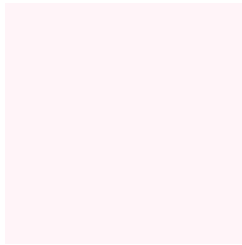
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 247.7450, 0.1257, 6.3626 looks on a white background.

Color Contrast Check

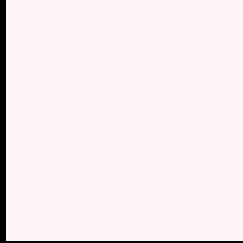
Large Text (above 18pt) WCAG AA × Fail

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 247.7450, 0.1257, 6.3626 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 247.7450, 0.1257, 6.3626

Background



This preview shows how black text looks on a background with the YUV color 247.7450, 0.1257, 6.3626.

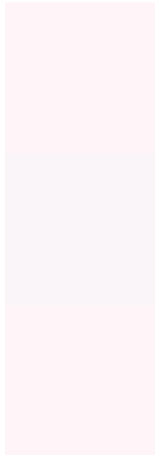


This preview shows how white text looks on a background with the YUV color 247.7450, 0.1257,

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

247.7450, 0.1257, 6.3626

Protanopia

246.9510, 1.0102, 2.6740

Deuteranopia

247.7450, 0.1257, 6.3626



Tritanopia

247.9450, 3.4781, 4.4332

Trichromacy



Original Color

247.7450, 0.1257, 6.3626

Protanomaly

247.5490, 0.7153, 3.9035

Deuteranomaly

247.7450, 0.1257, 6.3626

Tritanomaly

247.9020, 2.0203, 5.3479

Monochromacy



Original Color

247.7450, 0.1257, 6.3626

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.7450, 0.1257, 6.3626 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, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 248)  
}
```

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, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 248) }
```

Border

The CSS property to change the border of an element to YUV 247.7450, 0.1257, 6.3626 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, 244, 248) }
```


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

```
.border{ border-color:rgb(255, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 247.7450, 0.1257, 6.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 248) }
```

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

```
.background{ background-color: rgb(255,  
244, 248) }
```

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