

Converting Colors

YUV(247.3760, -3.6364, -0.3298)

Have a look what the booklet for
YUV(247.3760, -3.6364, -0.3298)
contains.

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Color

**YUV(247.3760, -3.6364,
-0.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F9F0
RGB	247, 249, 240
RGB Percent	97%, 98%, 94%
CMY	0.0314, 0.0235, 0.0588
CMYK	0.01, 0.00, 0.04, 0.02
HSL	73°, 43%, 96%
HSV	73°, 4%, 98%
XYZ	87.9616, 93.8168, 95.9105
YIQ	247.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

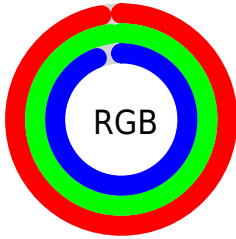
Format	Color
R _Y B	240, 249, 242
Decimal	16251376
CIE Lab	97.56, -2.22, 4.07
CIE LCh	98, 4.637, 118.618
Yxy	93.8168, 0.3168, 0.3378
Android (android.graphics.Color)	4294441456 (0xFFFF7F9F0)
YUV	247.3760, -3.6364, -0.3298
Hunter-Lab	96.8591, -7.4003, 9.0920

Details

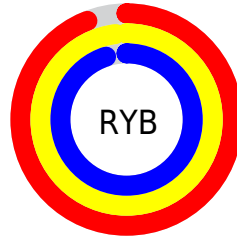
The YUV color $247.3760, -3.6364, -0.3298$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.6240, 3.6364, 0.3298$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.3760, -3.6364, -0.3298$ is the 20% darker color. If you saturate the color by 10%, you get $242.7320, -13.6719, -1.5190$, and if you desaturate by 10%, it is $250.8800, 2.0312, 1.8592$.

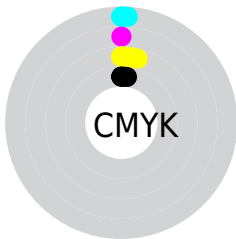
Distribution



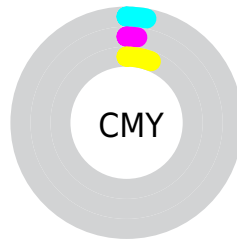
- Red (97%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.3760, -3.6364, -0.3298 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 247.3760, -3.6364, -0.3298 by changing the saturation by 10% instead.

247.3760, -3.6364,
-0.3298

247.3760, -3.6364,
-0.3298

255.0000, 0.0000,
0.0000

218.7890, -3.3470,
0.1850

191.3760, -3.6364,
-0.3298

163.7890, -3.3470,
0.1850

137.4900, -3.1996,
-0.4297

112.4900, -3.1996,
-0.4297

87.9030, -2.9102,
0.0851

64.6040, -2.7628,

-0.5297

■ 42.6040, -2.7628,
-0.5297

■ 21.9030, -2.9102,
0.0851

■ 247.3760, -3.6364,
-0.3298

■ 247.3760, -3.6364,
-0.3298

■ 242.7320,
-13.6719, -1.5190

■ 250.8800, 2.0312,
1.8592

■ 238.3870,
-23.8548, -2.0934

■ 251.4780, 1.7363,
3.0888

■ 233.7430,
-33.8903, -3.2826

■ 229.3980,
-44.0732, -3.8570

■ 224.8680,
-53.6719, -5.1462

■ 220.5230,
-63.8548, -5.7207

■ 215.8790,
-73.8903, -6.9099

■ 211.5340,
-84.0733, -7.4843

■ 206.8900,
-94.1088, -8.6735

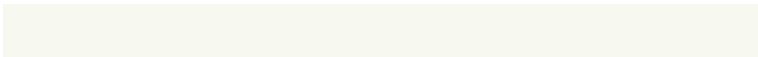
Harmonies

Analogous

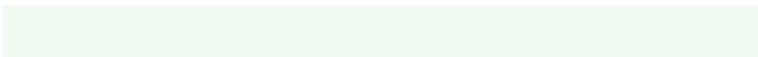
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.1700, -4.5208, 3.3589



247.3760, -3.6364, -0.3298



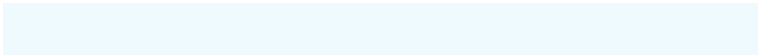
246.8100, -1.8783, -4.2184

Triad

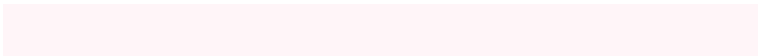
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.3760, -3.6364, -0.3298



247.2810, 3.8055, -7.2624



248.3320, -0.1637, 5.8478

Complementary

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



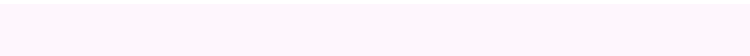
247.3760, -3.6364, -0.3298



241.6240, 3.6364, 0.3298

Split Complementary

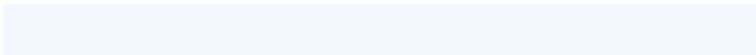
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.1900, 1.8783, 4.2184



247.3760, -3.6364, -0.3298



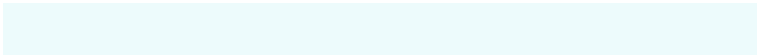
247.3030, 3.7946, -3.7737

Square

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



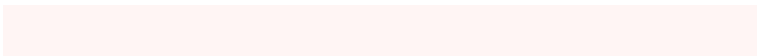
247.3760, -3.6364, -0.3298



246.9280, 2.5005, -8.7069



248.5100, 3.1996, 0.4297



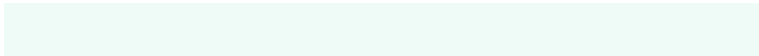
247.8760, -1.9109, 6.2477

Rectangle

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



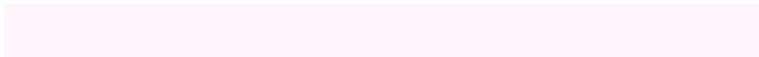
247.3760, -3.6364, -0.3298



246.8420, -0.4151, -6.8774



248.5100, 3.1996, 0.4297



248.5600, 0.7099, 5.6479

Sweetspot

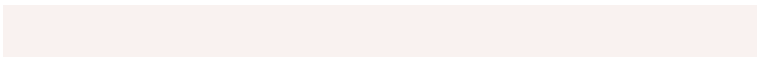
The Sweet Spot groups the original color and five complimentary colors.



247.3760, -3.6364, -0.3298



254.3590, -1.1630, -0.3148



243.8650, -1.9054, 4.5034



127.4730, -0.7262, -0.4148



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.



247.3760, -3.6364, -0.3298



253.2620, -4.0732, -0.2298



246.1800, -3.0467, -2.7889



124.0170, -2.4734, -0.0149



154.8960, -76.3637, -6.9248



50.1590, -24.7284, -1.8934

Inverse Universe

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



241.6240, 3.6364, 0.3298



246.7380, 4.0732, 0.2298



242.8200, 3.0467, 2.7889



119.9830, 2.4734, 0.0149



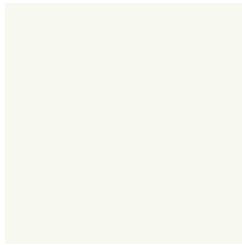
34.1040, 76.3637, 6.9248



11.1400, 24.5810, 2.5082

Previews

White Background



This preview shows how the YUV color 247.3760, -3.6364, -0.3298 looks on a white background.

Color Contrast Check

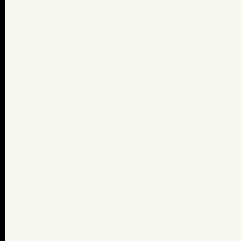
Large Text (above 18pt) WCAG AA × Fail

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 247.3760, -3.6364, -0.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

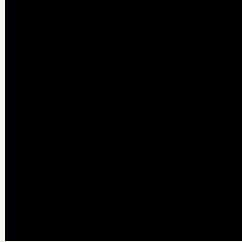
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

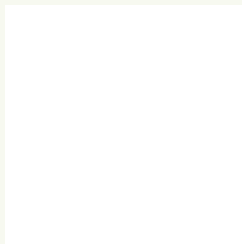
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.3760, -3.6364, -0.3298

Background



This preview shows how black text looks on a background with the YUV color 247.3760, -3.6364, -0.3298.



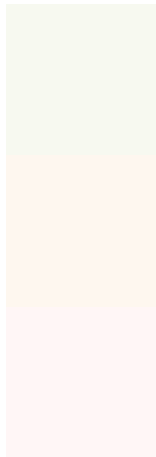
This preview shows how white text looks on a background with the YUV color 247.3760, -3.6364, -0.3298.

-0.398.

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

247.3760, -3.6364, -0.3298

Protanopia

248.1810, -4.5262, 5.1033

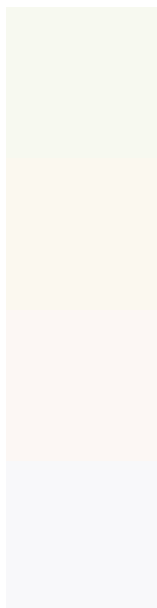
Deuteranopia

248.6910, -1.3267, 5.5330

Tritanopia

248.5100, 3.1996, 0.4297

Trichromacy



Original Color

247.3760, -3.6364, -0.3298

Protanomaly

247.8710, -4.3734, 2.7441

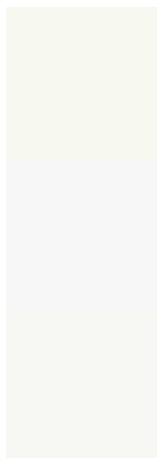
Deuteranomaly

248.1530, -2.0474, 3.3738

Tritanomaly

248.2280, 0.8736, -0.2000

Monochromacy



Original Color

247.3760, -3.6364, -0.3298

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.3760, -3.6364, -0.3298 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(247, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 240)  
}
```

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(247, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 240) }
```

Border

The CSS property to change the border of an element to YUV 247.3760, -3.6364, -0.3298 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(247, 249, 240) }
```


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

```
.border{ border-color:rgb(247, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 247.3760, -3.6364, -0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 240) }
```

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

```
.background{ background-color: rgb(247,  
249, 240) }
```

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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