

Converting Colors

YUV(249.6640, -3.7784, -1.4593)

Have a look what the booklet for
YUV(249.6640, -3.7784, -1.4593)
contains.

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Color

**YUV(249.6640, -3.7784,
-1.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FCF2
RGB	248, 252, 242
RGB Percent	97%, 99%, 95%
CMY	0.0275, 0.0118, 0.0510
CMYK	0.02, 0.00, 0.04, 0.01
HSL	84°, 63%, 97%
HSV	84°, 4%, 99%
XYZ	89.5488, 95.9881, 97.8122
YIQ	249.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

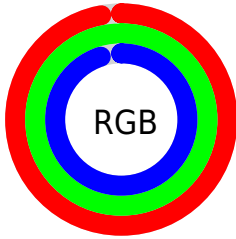
Format	Color
R _Y B	242, 252, 246
Decimal	16317682
CIE Lab	98.43, -3.06, 4.31
CIE LCh	98, 5.284, 125.327
Yxy	95.9881, 0.3160, 0.3388
Android (android.graphics.Color)	4294507762 (0xFF8FCF2)
YUV	249.6640, -3.7784, -1.4593
Hunter-Lab	97.9735, -8.3027, 9.3891

Details

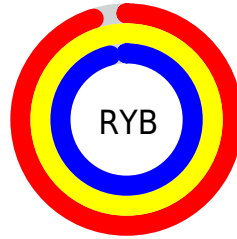
The YUV color 249.6640, -3.7784, -1.4593 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244.3360, 3.7784, 1.4593, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.0770, -3.4890, -0.9445 is the 20% darker color. If you saturate the color by 10%, you get 243.8240, -13.2242, -5.1076, and if you desaturate by 10%, it is 253.2390, 0.8682, 1.5444.

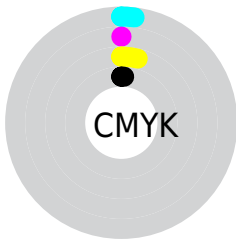
Distribution



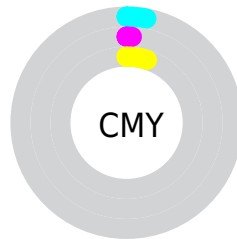
- Red (97%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.6640, -3.7784, -1.4593 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 249.6640, -3.7784, -1.4593 by changing the saturation by 10% instead.


 249.6640, -3.7784,
-1.4593


 249.6640, -3.7784,
-1.4593


255.0000, 0.0000,
0.0000


 220.7780, -3.3416,
-1.5593

 193.0770, -3.4890,
-0.9445

 166.0770, -3.4890,
-0.9445

 139.7780, -3.3416,
-1.5593

 114.1910, -3.0522,
-1.0445

 89.7780, -3.3416,
-1.5593

 66.1910, -3.0522,

-1.0445

■ 44.3050, -2.6154,
-1.1445

■ 23.6040, -2.7628,
-0.5297

■ 249.6640, -3.7784,
-1.4593

■ 249.6640, -3.7784,
-1.4593

■ 243.8240,
-13.2242, -5.1076

■ 253.2390, 0.8682,
1.5444

■ 237.9840,
-22.6701, -8.7560

■ 232.0300,
-32.5528, -12.3043

■ 226.1900,
-41.9987, -15.9526

■ 220.3500,
-51.4445, -19.6009

■ 214.5100,
-60.8904, -23.2493

■ 208.3710,
-70.1889, -27.5124

■ 202.4170,
-80.0716, -31.0607

■ 196.5770,
-89.5175, -34.7090

Harmonies

Analogous

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



250.0560, -4.9576, 3.4589



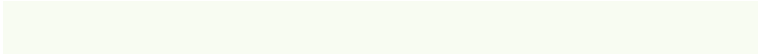
249.6640, -3.7784, -1.4593



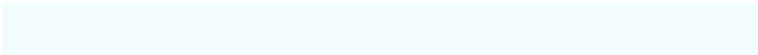
248.9130, -1.4361, -6.0627

Triad

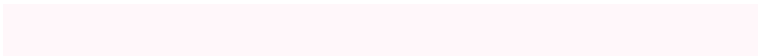
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.6640, -3.7784, -1.4593



249.0530, 2.9319, -7.0625



249.7340, 0.1311, 4.6183

Complementary

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



249.6640, -3.7784, -1.4593



244.3360, 3.7784, 1.4593

Split Complementary

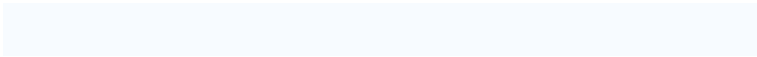
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.8910, 2.0257, 3.6036



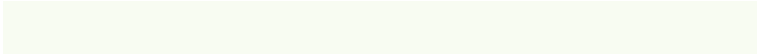
249.6640, -3.7784, -1.4593



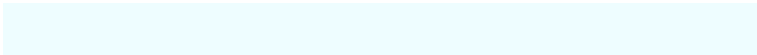
250.2600, 2.3368, -2.8590

Square

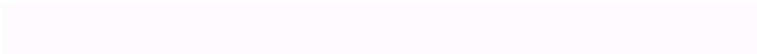
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



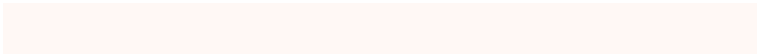
249.6640, -3.7784, -1.4593



248.7430, 3.0847, -9.4216



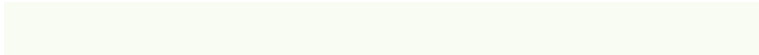
250.8800, 2.0312, 1.8592



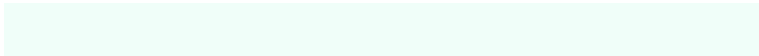
249.7510, -2.3422, 4.6034

Rectangle

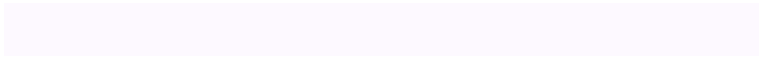
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



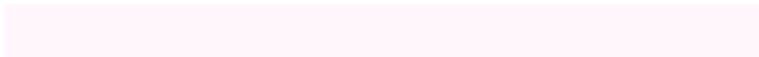
249.6640, -3.7784, -1.4593



249.2440, -0.1203, -8.1070



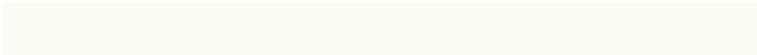
250.8800, 2.0312, 1.8592



249.8480, 0.5679, 4.5183

Sweetspot

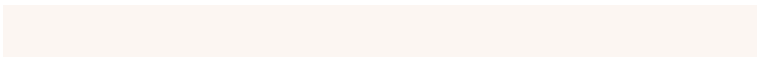
The Sweet Spot groups the original color and five complimentary colors.



249.6640, -3.7784, -1.4593



254.3590, -1.1630, -0.3148



247.3380, -2.6316, 4.0886



127.4730, -0.7262, -0.4148



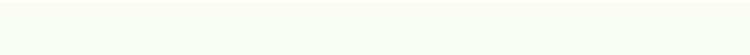
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



249.6640, -3.7784, -1.4593



252.0230, -4.9413, -1.7742



248.1690, -3.0413, -4.5332



123.1910, -3.0522, -1.0445



144.7300, -71.3519, -27.8272



46.8700, -23.1069, -8.6560

Inverse Universe

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



244.3360, 3.7784, 1.4593



244.9770, 4.9413, 1.7742



245.8310, 3.0413, 4.5332



118.8090, 3.0522, 1.0445



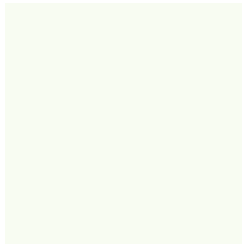
43.9710, 71.4993, 27.2124



14.1300, 23.1069, 8.6560

Previews

White Background



This preview shows how the YUV color 249.6640, -3.7784, -1.4593 looks on a white background.

Color Contrast Check

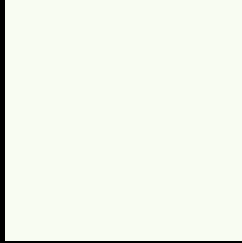
Large Text (above 18pt) WCAG AA × Fail

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 249.6640, -3.7784, -1.4593 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

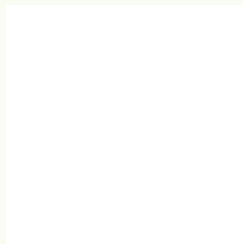
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.6640, -3.7784, -1.4593

Background



This preview shows how black text looks on a background with the YUV color 249.6640, -3.7784, -1.4593.



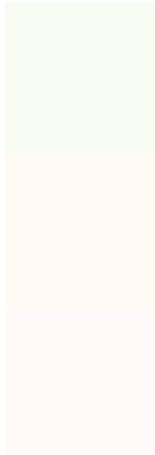
This preview shows how white text looks on a background with the YUV color 249.6640, -3.7784,

-1.4393.

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

249.6640, -3.7784, -1.4593

Protanopia

250.8110, -3.3578, 3.6738

Deuteranopia

250.7940, -0.8844, 3.6887

Tritanopia

250.8690, 2.0366, 0.1149

Trichromacy

Original Color

249.6640, -3.7784, -1.4593

Protanomaly

250.3870, -3.6418, 1.4146

Deuteranomaly

250.1420, -2.0420, 1.6295

Tritanomaly

250.5870, -0.2894, -0.5148

Monochromacy

Original Color

249.6640, -3.7784, -1.4593

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.6640, -3.7784, -1.4593 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(248, 252, 242)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 242)  
}
```

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(248, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 242) }
```

Border

The CSS property to change the border of an element to YUV 249.6640, -3.7784, -1.4593 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(248, 252, 242) }
```


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

```
.border{ border-color:rgb(248, 252, 242) }
```

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

Here you see how a box with a 4 pixel rgb(248, 252, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 249.6640, -3.7784, -1.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 242) }
```

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

```
.background{ background-color: rgb(248,  
252, 242) }
```

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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