

Converting Colors

YUV(248.6580, -1.3104, 0.2999)

Have a look what the booklet for
YUV(248.6580, -1.3104, 0.2999)
contains.

YUV(248.6580, -1.3104, 0.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(248.6580, -1.3104,
0.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9F6
RGB	249, 249, 246
RGB Percent	98%, 98%, 96%
CMY	0.0235, 0.0235, 0.0353
CMYK	0.00, 0.00, 0.01, 0.02
HSL	60°, 20%, 97%
HSV	60°, 1%, 98%
XYZ	89.5772, 94.5449, 100.7166
YIQ	248.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

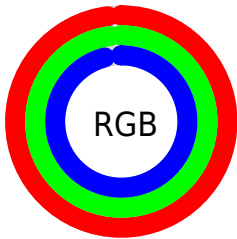
Format	Color
R _Y B	246, 249, 246
Decimal	16382454
CIE Lab	97.85, -0.52, 1.43
CIE LCh	98, 1.517, 110.012
Yxy	94.5449, 0.3145, 0.3319
Android (android.graphics.Color)	4294572534 (0xFF9F9F6)
YUV	248.6580, -1.3104, 0.2999
Hunter-Lab	97.2342, -5.7165, 6.6505

Details

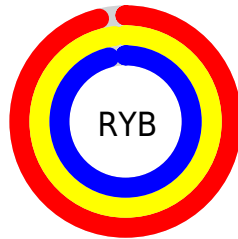
The YUV color 248.6580, -1.3104, 0.2999 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.3420, 1.3104, -0.2999, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.6580, -1.3104, 0.2999 is the 20% darker color. If you saturate the color by 10%, you get 245.8080, -12.2303, 2.7994, and if you desaturate by 10%, it is 249.6840, 2.6208, -0.5999.

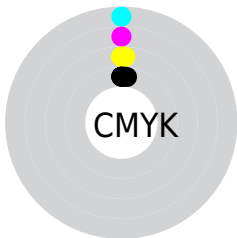
Distribution



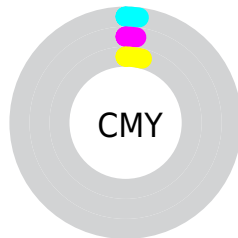
- Red (98%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.6580, -1.3104, 0.2999 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 248.6580, -1.3104, 0.2999 by changing the saturation by 10% instead.

248.6580, -1.3104,
0.2999

248.6580, -1.3104,
0.2999

255.0000, 0.0000,
0.0000

219.7720, -0.8736,
0.2000

192.6580, -1.3104,
0.2999

164.7720, -0.8736,
0.2000

138.6580, -1.3104,
0.2999

113.6580, -1.3104,
0.2999

88.7720, -0.8736,
0.2000

65.7720, -0.8736,

0.2000

■ 43.7720, -0.8736,
0.2000

■ 22.7720, -0.8736,
0.2000

■ 248.6580, -1.3104,
0.2999

■ 248.6580, -1.3104,
0.2999

■ 245.8080,
-12.2303, 2.7994

■ 249.6840, 2.6208,
-0.5999

■ 242.9580,
-23.1503, 5.2988

■ 240.1080,
-34.0702, 7.7983

■ 237.2580,
-44.9902, 10.2977

■ 234.5220,
-55.4733, 12.6972

■ 231.6720,
-66.3933, 15.1967

■ 228.8220,
-77.3132, 17.6961

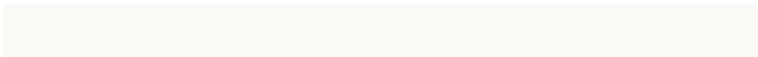
■ 225.9720,
-88.2332, 20.1956

■ 223.1220,
-99.1531, 22.6950

Harmonies

Analogous

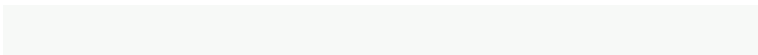
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.2560, -1.6052, 1.5295



248.6580, -1.3104, 0.2999



248.1740, -0.5788, -1.0296

Triad

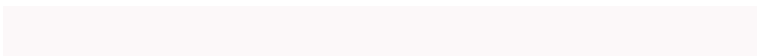
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.6580, -1.3104, 0.2999



248.3310, 1.3158, -2.0443



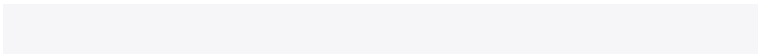
249.3100, -0.1528, 2.3591

Complementary

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



248.6580, -1.3104, 0.2999



246.3420, 1.3104, -0.2999

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.



248.9400, 1.0156, 0.9296



248.6580, -1.3104, 0.2999



248.7440, 1.6052, -1.5295

Square

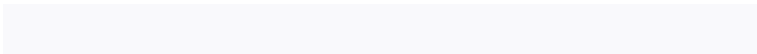
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



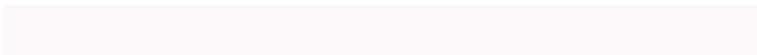
248.6580, -1.3104, 0.2999



248.5050, 0.7370, -3.0739



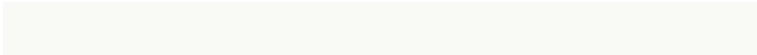
249.3420, 1.3104, -0.2999



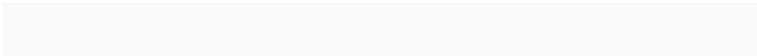
249.1960, -0.5896, 2.4591

Rectangle

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



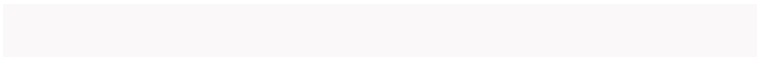
248.6580, -1.3104, 0.2999



248.5760, -0.2840, -2.2592



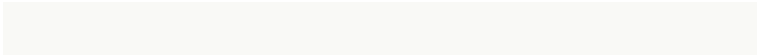
249.3420, 1.3104, -0.2999



249.1250, 0.4314, 1.6444

Sweetspot

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



248.6580, -1.3104, 0.2999

255.0000, 0.0000, 0.0000



246.8970, -0.4422, 1.8443



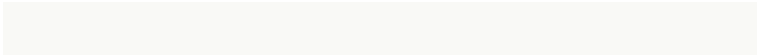
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

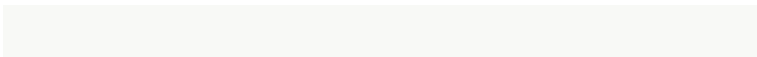
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.6580, -1.3104, 0.2999



254.6580, -1.3104, 0.2999



248.3590, -1.1630, -0.3148



124.8860, -0.4368, 0.1000



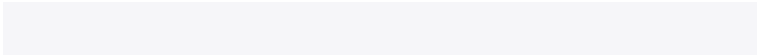
167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

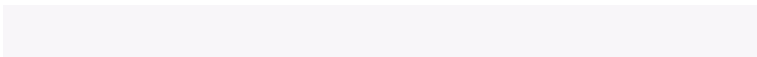
The Inverse Universe completely reimagines the original color for something new.



246.3420, 1.3104, -0.2999



252.3420, 1.3104, -0.2999



246.9400, 1.0156, 0.9296



124.1140, 0.4368, -0.1000



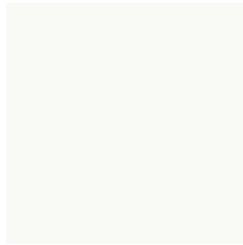
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 248.6580, -1.3104, 0.2999 looks on a white background.

Color Contrast Check

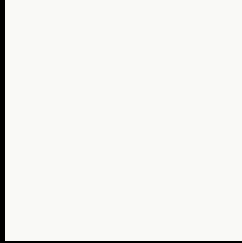
Large Text (above 18pt) WCAG AA × Fail

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 248.6580, -1.3104, 0.2999 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

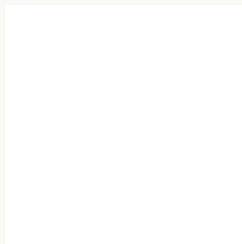
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 248.6580, -1.3104, 0.2999

Background



This preview shows how black text looks on a background with the YUV color 248.6580, -1.3104, 0.2999.



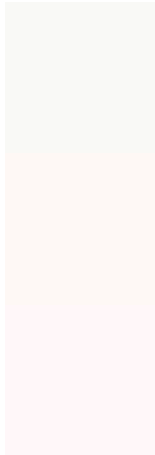
This preview shows how white text looks on a background with the YUV color 248.6580, -1.3104,

0.2999.

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

248.6580, -1.3104, 0.2999

Protanopia

249.4520, -2.1948, 3.9886

Deuteranopia

249.6200, -0.3057, 4.7183

Tritanopia

249.3960, 2.7628, 0.5297

Trichromacy

Original Color

248.6580, -1.3104, 0.2999

Protanomaly

248.8540, -1.9000, 2.7590

Deuteranomaly

249.4950, -0.7370, 3.0739

Tritanomaly

249.0540, 1.4524, 0.8296

Monochromacy

Original Color

248.6580, -1.3104, 0.2999

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.6580, -1.3104, 0.2999 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(249, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 246)  
}
```

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(249, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 246) }
```

Border

The CSS property to change the border of an element to YUV 248.6580, -1.3104, 0.2999 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(249, 249, 246) }
```

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

```
.border{ border-color:rgb(249, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
246) }
```


Background

The CSS property to change the background color of an element to YUV 248.6580, -1.3104, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 246) }
```

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

```
.background{ background-color: rgb(249,  
249, 246) }
```

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