

Converting Colors

YUV(248.2990, -0.1474, 0.6148)

Have a look what the booklet for
YUV(248.2990, -0.1474, 0.6148)
contains.

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Color

**YUV(248.2990, -0.1474,
0.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F8F8
RGB	249, 248, 248
RGB Percent	98%, 97%, 97%
CMY	0.0235, 0.0275, 0.0275
CMYK	0.00, 0.00, 0.00, 0.02
HSL	0°, 8%, 97%
HSV	0°, 0%, 98%
XYZ	89.5776, 94.0519, 102.2395
YIQ	248.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

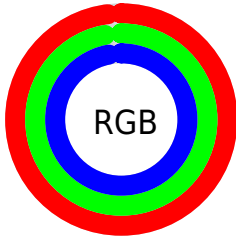
Format	Color
RYB	249, 248, 248
Decimal	16382200
CIELab	97.65, 0.34, 0.11
CIElCh	98, 0.353, 17.588
Yxy	94.0519, 0.3134, 0.3290
Android (android.graphics.Color)	4294572280 (0xFFFF9F8F8)
YUV	248.2990, -0.1474, 0.6148
Hunter-Lab	96.9803, -4.8409, 5.3810

Details

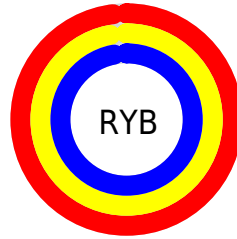
The YUV color 248.2990, -0.1474, 0.6148 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.7010, 0.1474, -0.6148, and the grayscale version is 248.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.2990, -0.1474, 0.6148 is the 20% darker color. If you saturate the color by 10%, you get 230.7740, -3.8326, 15.9842, and if you desaturate by 10%, it is 253.2060, 0.8844, -3.6887.

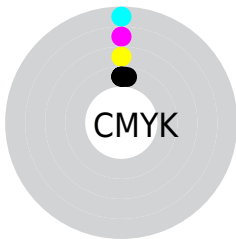
Distribution



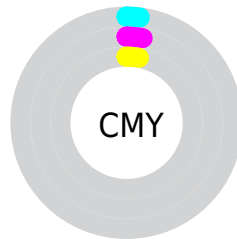
- Red (98%)
- Green (97%)
- Blue (97%)



- Red (98%)
- Yellow (97%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 248.2990, -0.1474, 0.6148 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 248.2990, -0.1474, 0.6148 by changing the saturation by 10% instead.

248.2990, -0.1474,
0.6148

248.2990, -0.1474,
0.6148

255.0000, 0.0000,
0.0000

219.2990, -0.1474,
0.6148

192.2990, -0.1474,
0.6148

165.0000, 0.0000,
0.0000

138.2990, -0.1474,
0.6148

113.2990, -0.1474,
0.6148

88.2990, -0.1474,
0.6148

65.2990, -0.1474,

0.6148

■ 43.2990, -0.1474,
0.6148

■ 23.0000, 0.0000,
0.0000

■ 248.2990, -0.1474,
0.6148

■ 248.2990, -0.1474,
0.6148

■ 230.7740, -3.8326,
15.9842

■ 253.2060, 0.8844,
-3.6887

■ 213.2490, -7.5178,
31.3536

■ 195.7240,
-11.2029, 46.7231

■ 178.1990,
-14.8881, 62.0925

■ 161.3750,
-18.4259, 76.8471

■ 143.8500,
-22.1110, 92.2166

■ 126.3250,
-25.7962, 107.5860

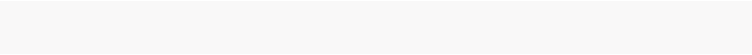
■ 108.8000,
-29.4814, 122.9554

■ 91.2750, -33.1666,
138.3248

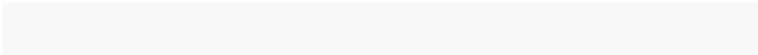
Harmonies

Triad

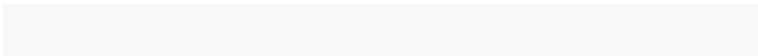
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.2990, -0.1474, 0.6148



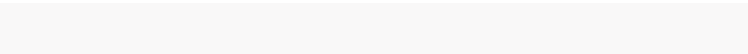
248.0000, 0.0000, 0.0000



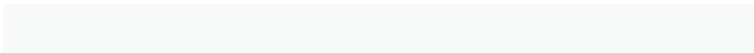
248.1140, 0.4368, -0.1000

Complementary

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



248.2990, -0.1474, 0.6148



248.7010, 0.1474, -0.6148

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.

247.8150, 0.5842, -0.7148

248.2990, -0.1474, 0.6148

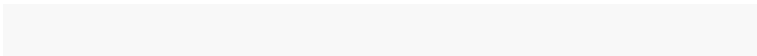
248.0000, 0.0000, 0.0000

Square

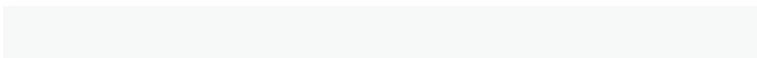
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



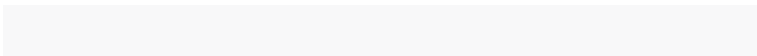
248.2990, -0.1474, 0.6148



248.0000, 0.0000, 0.0000



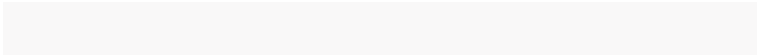
247.7010, 0.1474, -0.6148



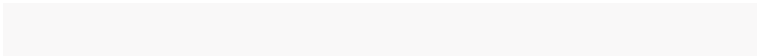
248.1140, 0.4368, -0.1000

Rectangle

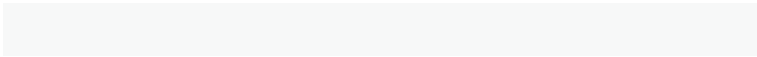
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



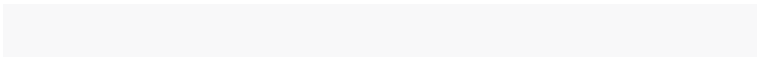
248.2990, -0.1474, 0.6148



248.2990, -0.1474, 0.6148



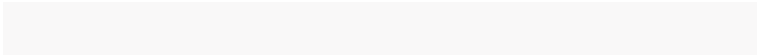
247.7010, 0.1474, -0.6148



248.1140, 0.4368, -0.1000

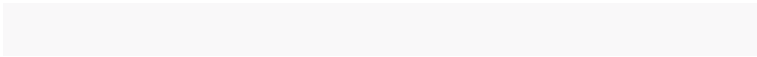
Sweetspot

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



248.2990, -0.1474, 0.6148

255.0000, 0.0000, 0.0000



248.4130, 0.2894, 0.5148



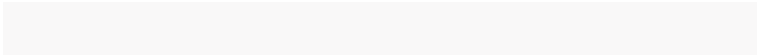
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

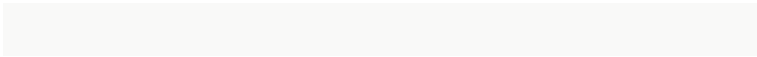
Same Dimension

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



248.2990, -0.1474, 0.6148

255.0000, 0.0000, 0.0000



248.8860, -0.4368, 0.1000



125.0000, 0.0000, 0.0000



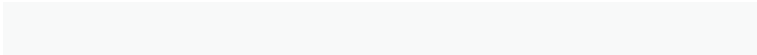
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

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



248.7010, 0.1474, -0.6148

255.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



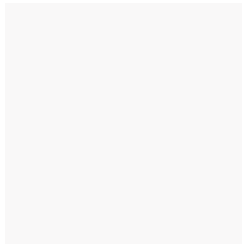
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 248.2990, -0.1474, 0.6148 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 248.2990, -0.1474, 0.6148 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

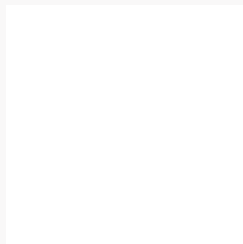
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 248.2990, -0.1474, 0.6148

Background



This preview shows how black text looks on a background with the YUV color 248.2990, -0.1474, 0.6148.



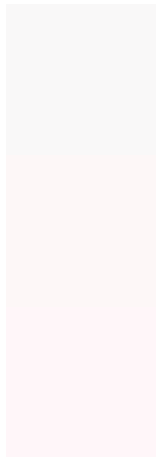
This preview shows how white text looks on a background with the YUV color 248.2990, -0.1474,

0.6118.

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

248.2990, -0.1474, 0.6148

Protanopia

248.7940, -0.8844, 3.6887

Deuteranopia

249.0330, -0.0163, 5.2331

Tritanopia

248.8090, 3.0522, 1.0445

Trichromacy

Original Color

248.2990, -0.1474, 0.6148

Protanomaly

248.4950, -0.7370, 3.0739

Deuteranomaly

249.0220, -0.0108, 3.4887

Tritanomaly

248.4670, 1.7418, 1.3444

Monochromacy

Original Color

248.2990, -0.1474, 0.6148

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.2990, -0.1474, 0.6148 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, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 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(249, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 248) }
```

Border

The CSS property to change the border of an element to YUV 248.2990, -0.1474, 0.6148 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, 248, 248) }
```

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

```
.border{ border-color:rgb(249, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 248.2990, -0.1474, 0.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 248) }
```

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

```
.background{ background-color: rgb(249,  
248, 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](#).

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