

Converting Colors

YIQ(248.3320, 4.9970, 3.0530)

Have a look what the booklet for
YIQ(248.3320, 4.9970, 3.0530)
contains.

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Color

**YIQ(248.3320, 4.9970,
3.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F8
RGB	255, 245, 248
RGB Percent	100%, 96%, 97%
CMY	0.0000, 0.0392, 0.0274
CMYK	0.00, 0.04, 0.03, 0.00
HSL	342°, 100%, 98%
HSV	342°, 4%, 100%
XYZ	90.8351, 93.3399, 102.0394
YIQ	248.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 245, 248
Decimal	16774648
CIE _{Lab}	97.37, 3.86, -0.26
CIE _{LCh}	97, 3.868, 356.126
Yxy	93.3399, 0.3174, 0.3261
Android (android.graphics.Color)	4294964728 (0xFFFFF5F8)
YUV	248.3320, -0.1637, 5.8478
Hunter-Lab	96.6126, -1.2463, 5.0084

Details

The YIQ color 248.3320, 4.9970, 3.0530 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.6680, -4.9970, -3.0530, 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 192.0330, 4.4010, 2.8410 is the 20% darker color. If you saturate the color by 10%, you get 231.6050, 17.6500, 10.5300, 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 YIQ color 248.3320, 4.9970, 3.0530 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 YIQ color 248.3320, 4.9970, 3.0530 by changing the saturation by 10% instead.


 248.3320, 4.9970,
3.0530

 248.3320, 4.9970,
3.0530


255.0000, -0.0000,
-0.0000

 219.9190, 4.7220,
2.5300

 192.0330, 4.4010,
2.8410

 165.0330, 4.4010,
2.8410

 138.6200, 4.1260,
2.3180

 113.0330, 4.4010,
2.8410

 88.6200, 4.1260,
2.3180

 65.3210, 3.5300,

2.1060

■ 43.3210, 3.5300,
2.1060

■ 23.0220, 2.9340,
1.8940

■ 248.3320, 4.9970,
3.0530

■ 248.3320, 4.9970,
3.0530

■ 231.6050, 17.6500,
10.5300

255.0000, -0.0000,
-0.0000

■ 214.2910, 30.5780,
18.5300

■ 197.5640, 43.2310,
26.0070

■ 180.3640, 55.8380,
34.3180

■ 163.6370, 68.4910,
41.7950

■ 146.3230, 81.4190,
49.7950

■ 129.5960, 94.0720,
57.2720

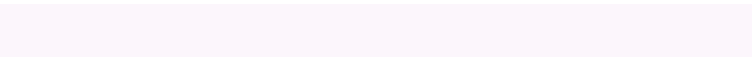
■ 112.2820,
107.0000, 65.2720

■ 95.5550, 119.6530,
72.7490

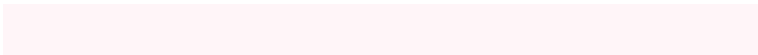
Harmonies

Analogous

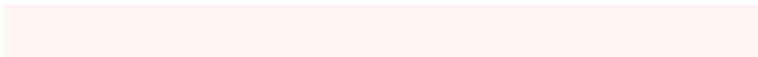
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.4780, 1.6500, 3.1380



248.3320, 4.9970, 3.0530



247.8760, 6.2810, 1.8090

Triad

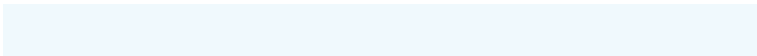
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.3320, 4.9970, 3.0530



246.9030, 1.6510, -2.3890



246.7650, -6.6480, -0.6640

Complementary

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



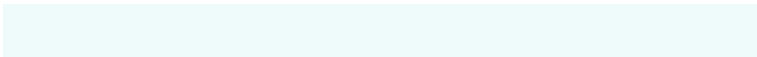
248.3320, 4.9970, 3.0530



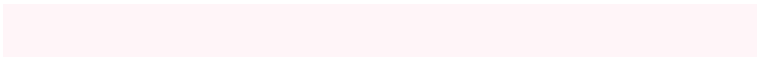
251.6680, -4.9970, -3.0530

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.



246.8250, -6.8770, -2.0210



248.3320, 4.9970, 3.0530



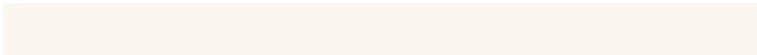
246.5220, -1.6500, -3.1380

Square

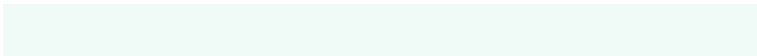
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



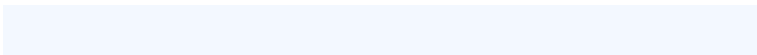
248.3320, 4.9970, 3.0530



247.3980, 4.6310, -1.3290



246.6680, -4.9970, -3.0530



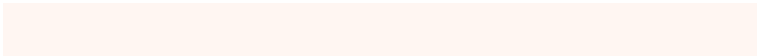
247.3030, -5.2270, 1.1170

Rectangle

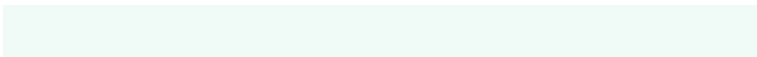
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



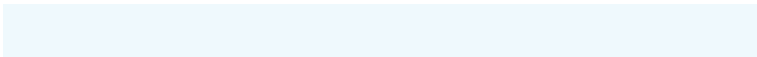
248.3320, 4.9970, 3.0530



248.2350, 6.6480, 0.6640



246.6680, -4.9970, -3.0530



246.4660, -7.2440, -0.8760

Sweetspot

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



248.3320, 4.9970, 3.0530



253.0110, 1.4670, 0.9470



248.2330, 0.9620, 4.5940



126.7120, 0.8710, 0.7350



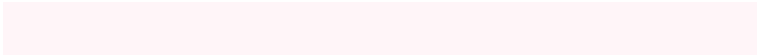
0.0000, 0.0000, 0.0000



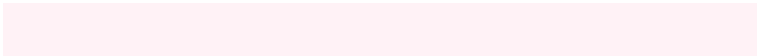
128.0000, -0.0000, -0.0000

Same Dimension

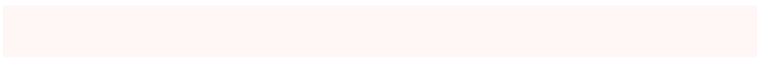
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.3320, 4.9970, 3.0530



246.3430, 6.4640, 4.0000



249.1640, 5.4100, 1.0740



122.6200, 4.1260, 2.3180



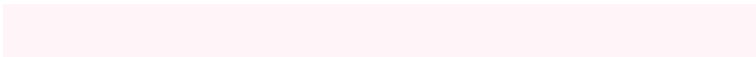
63.6070, 95.5390, 58.2190



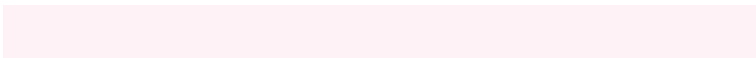
21.3020, 32.0450, 19.4770

Inverse Universe

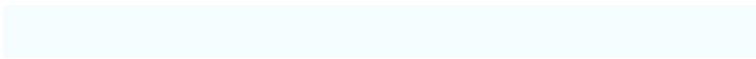
The Inverse Universe completely reimagines the original color for something new.



248.3320, 4.9970, 3.0530



246.3430, 6.4640, 4.0000



250.8360, -5.4100, -1.0740



122.6200, 4.1260, 2.3180



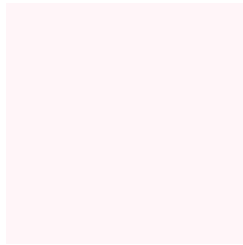
63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 248.3320, 4.9970, 3.0530 looks on a white background.

Color Contrast Check

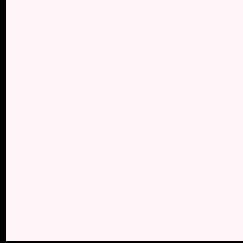
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 248.3320, 4.9970, 3.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

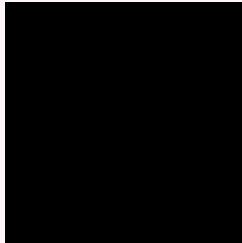
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 248.3320, 4.9970, 3.0530

Background



This preview shows how black text looks on a background with the YIQ color 248.3320, 4.9970, 3.0530.



This preview shows how white text looks on a background with the YIQ color 248.3320, 4.9970,

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

248.3320, 4.9970, 3.0530

Protanopia

247.8370, 2.0170, 1.9930

Deuteranopia

248.3320, 4.9970, 3.0530



Tritanopia

248.2330, 0.9620, 4.5940

Trichromacy



Original Color

248.3320, 4.9970, 3.0530

Protanomaly

248.1360, 2.6130, 2.2050

Deuteranomaly

248.3320, 4.9970, 3.0530

Tritanomaly

248.1900, 2.5210, 3.8730

Monochromacy



Original Color

248.3320, 4.9970, 3.0530

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.3320, 4.9970, 3.0530 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, 245, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 248) }
```

Border

The CSS property to change the border of an element to YIQ 248.3320, 4.9970, 3.0530 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, 245, 248) }
```


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

```
.border{ border-color:rgb(255, 245, 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, 245, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 248.3320, 4.9970, 3.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 248) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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