

Converting Colors

YIQ(246.5070, 2.7060, -4.9900)

Have a look what the booklet for
YIQ(246.5070, 2.7060, -4.9900)
contains.

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Color

**YIQ(246.5070, 2.7060,
-4.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F9EB
RGB	246, 249, 235
RGB Percent	96%, 98%, 92%
CMY	0.0353, 0.0235, 0.0784
CMYK	0.01, 0.00, 0.06, 0.02
HSL	73°, 54%, 95%
HSV	73°, 6%, 98%
XYZ	86.8769, 93.3427, 92.0395
YIQ	246.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

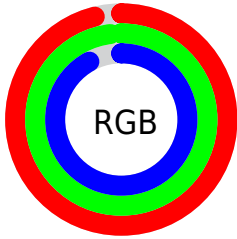
Format	Color
R _Y B	235, 249, 238
Decimal	16185835
CIE Lab	97.37, -3.41, 6.36
CIE LCh	97, 7.211, 118.192
Yxy	93.3427, 0.3191, 0.3428
Android (android.graphics.Color)	4294375915 (0xFFFF6F9EB)
YUV	246.5070, -5.6730, -0.4446
Hunter-Lab	96.6140, -8.5645, 11.1471

Details

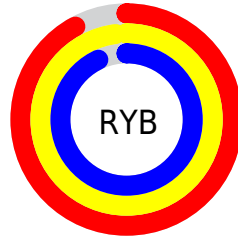
The YIQ color $246.5070, 2.7060, -4.9900$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.4930, -2.7060, 4.9900$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.5070, 2.7060, -4.9900$ is the 20% darker color. If you saturate the color by 10%, you get $242.1620, 7.7510, -13.8250$, and if you desaturate by 10%, it is $250.2820, -0.7340, 2.2900$.

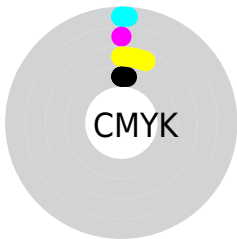
Distribution



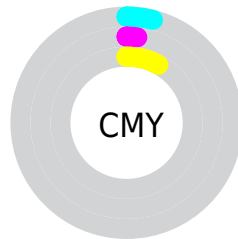
- Red (96%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.5070, 2.7060, -4.9900 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 246.5070, 2.7060, -4.9900 by changing the saturation by 10% instead.

 246.5070, 2.7060,
-4.9900

 246.5070, 2.7060,
-4.9900


255.0000, -0.0000,
-0.0000


 217.9200, 2.9810,
-4.4670

 190.5070, 2.7060,
-4.9900

 163.0340, 2.6600,
-4.1560

 136.7350, 2.0640,
-4.3680

 111.7350, 2.0640,
-4.3680

 87.1480, 2.3390,
-3.8450

 63.8490, 1.7430,

-4.0570

■ 41.8490, 1.7430,
-4.0570

■ 21.0340, 2.6600,
-4.1560

■ 246.5070, 2.7060,
-4.9900

■ 246.5070, 2.7060,
-4.9900

■ 242.1620, 7.7510,
-13.8250

■ 250.2820, -0.7340,
2.2900

■ 237.5180, 12.2000,
-22.8720

■ 251.4780, 1.6500,
3.1380

■ 233.1730, 17.2450,
-31.7070

■ 228.8280, 22.2900,
-40.5420

■ 224.2980, 26.4180,
-49.2780

■ 219.9530, 31.4630,
-58.1130

■ 215.6080, 36.5080,
-66.9480

■ 210.9640, 40.9570,
-75.9950

■ 206.6190, 46.0020,
-84.8300

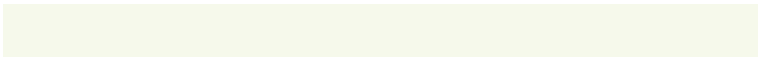
Harmonies

Analogous

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



247.6110, 8.3450, -2.5590



246.5070, 2.7060, -4.9900



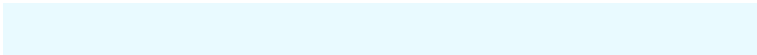
245.8590, -4.2170, -6.1770

Triad

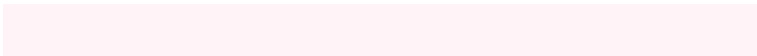
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5070, 2.7060, -4.9900



245.4870, -11.7370, -2.0490



247.1580, 5.5470, 4.0990

Complementary

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



246.5070, 2.7060, -4.9900



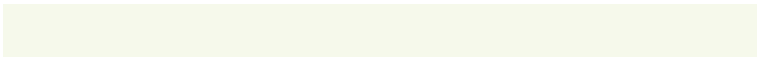
237.4930, -2.7060, 4.9900

Split Complementary

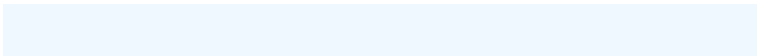
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.0250, 5.7530



246.5070, 2.7060, -4.9900



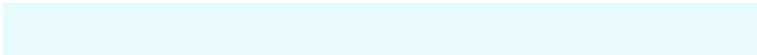
246.4060, -7.0150, 0.4810

Square

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



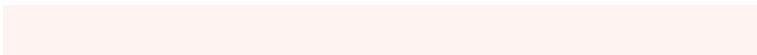
246.5070, 2.7060, -4.9900



245.3620, -12.8830, -3.3070



247.6240, -1.6970, 3.2230



246.3600, 7.7940, 1.9220

Rectangle

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



246.5070, 2.7060, -4.9900



245.7060, -8.1600, -6.3040



247.6240, -1.6970, 3.2230



247.3860, 4.9050, 4.7210

Sweetspot

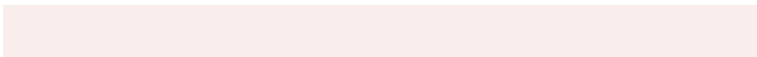
The Sweet Spot groups the original color and five complimentary colors.



246.5070, 2.7060, -4.9900



254.1310, 1.0090, -1.7670



240.9470, 7.5190, 1.3990



127.3590, 0.3670, -1.1450



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.



246.5070, 2.7060, -4.9900



251.7520, 3.3940, -6.4460



244.4140, -1.4660, -6.4740



123.2620, 2.0180, -3.5340



155.1950, 36.2330, -67.4710



50.1590, 11.8330, -21.7270

Inverse Universe

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



237.4930, -2.7060, 4.9900



240.2480, -3.3940, 6.4460



239.5860, 1.4660, 6.4740



116.7380, -2.0180, 3.5340



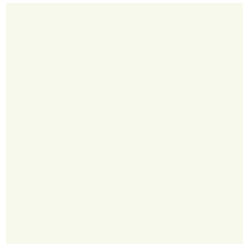
33.8050, -36.2330, 67.4710



10.8410, -11.8330, 21.7270

Previews

White Background



This preview shows how the YIQ color 246.5070, 2.7060, -4.9900 looks on a white background.

Color Contrast Check

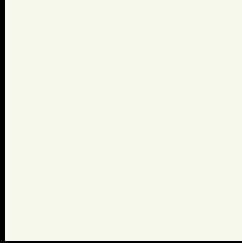
Large Text (above 18pt) WCAG AA × Fail

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 246.5070, 2.7060, -4.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

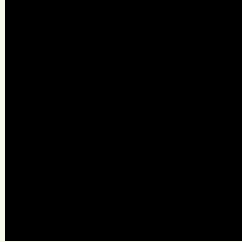
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

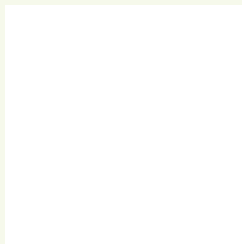
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.5070, 2.7060, -4.9900

Background



This preview shows how black text looks on a background with the YIQ color 246.5070, 2.7060, -4.9900.



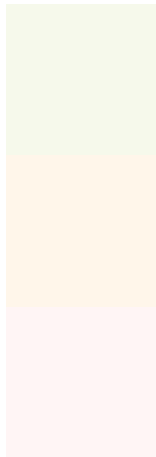
This preview shows how white text looks on a background with the YIQ color 246.5070, 2.7060, -4.9900.

-4.900.

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

246.5070, 2.7060, -4.9900

Protanopia

247.3230, 9.2160, -1.8240

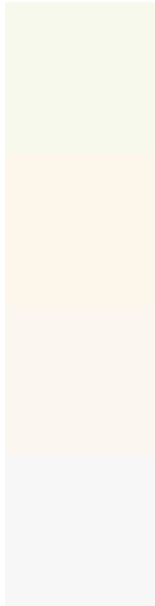
Deuteranopia

247.9900, 5.9600, 2.1200

Tritanopia

247.9230, -1.1010, 3.4350

Trichromacy



Original Color

246.5070, 2.7060, -4.9900

Protanomaly

247.0130, 7.1530, -2.9830

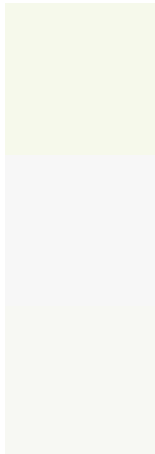
Deuteranomaly

247.2240, 5.1810, -0.2830

Tritanomaly

247.4130, 0.2750, 0.5230

Monochromacy



Original Color

246.5070, 2.7060, -4.9900

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.5070, 2.7060, -4.9900 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(246, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 235)  
}
```

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(246, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 235) }
```

Border

The CSS property to change the border of an element to YIQ 246.5070, 2.7060, -4.9900 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(246, 249, 235) }
```


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

```
.border{ border-color:rgb(246, 249, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 246.5070, 2.7060, -4.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 235) }
```

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

```
.background{ background-color: rgb(246,  
249, 235) }
```

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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