

Converting Colors

YIQ(246.4300, 1.6050, -1.5550)

Have a look what the booklet for
YIQ(246.4300, 1.6050, -1.5550)
contains.

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Color

**YIQ(246.4300, 1.6050,
-1.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F2
RGB	247, 247, 242
RGB Percent	97%, 97%, 95%
CMY	0.0314, 0.0313, 0.0510
CMYK	0.00, 0.00, 0.02, 0.03
HSL	60°, 24%, 96%
HSV	60°, 2%, 97%
XYZ	87.6457, 92.7065, 97.2812
YIQ	246.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

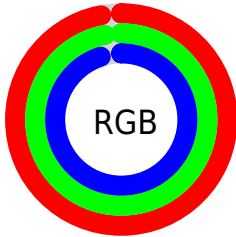
Format	Color
R _Y B	242, 247, 242
Decimal	16250866
CIE Lab	97.11, -0.87, 2.39
CIE LCh	97, 2.539, 109.960
Yxy	92.7065, 0.3157, 0.3339
Android (android.graphics.Color)	4294440946 (0xFF7F7F2)
YUV	246.4300, -2.1840, 0.4999
Hunter-Lab	96.2842, -6.0123, 7.4950

Details

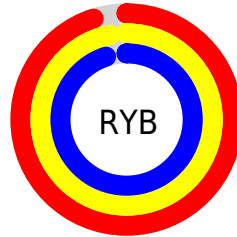
The YIQ color $246.4300, 1.6050, -1.5550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.5700, -1.6050, 1.5550$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.4300, 1.6050, -1.5550$ is the 20% darker color. If you saturate the color by 10%, you get $243.5800, 9.6300, -9.3300$, and if you desaturate by 10%, it is $247.9120, -2.5680, 2.4880$.

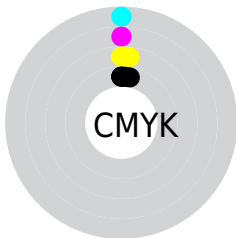
Distribution



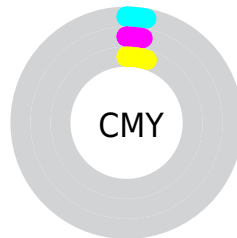
- Red (97%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.4300, 1.6050, -1.5550 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 246.4300, 1.6050, -1.5550 by changing the saturation by 10% instead.

246.4300, 1.6050,
-1.5550

246.4300, 1.6050,
-1.5550

255.0000, -0.0000,
-0.0000

218.4300, 1.6050,
-1.5550

190.4300, 1.6050,
-1.5550

163.4300, 1.6050,
-1.5550

136.5440, 1.2840,
-1.2440

111.5440, 1.2840,
-1.2440

87.4300, 1.6050,
-1.5550

63.5440, 1.2840,

-1.2440

■ 41.6580, 0.9630,
-0.9330

■ 21.5440, 1.2840,
-1.2440

■ 246.4300, 1.6050,
-1.5550

■ 246.4300, 1.6050,
-1.5550

■ 243.5800, 9.6300,
-9.3300

■ 247.9120, -2.5680,
2.4880

■ 240.8440, 17.3340,
-16.7940

■ 237.9940, 25.3590,
-24.5690

■ 235.1440, 33.3840,
-32.3440

■ 232.4080, 41.0880,
-39.8080

■ 229.5580, 49.1130,
-47.5830

■ 226.7080, 57.1380,
-55.3580

■ 223.8580, 65.1630,
-63.1330

■ 221.1220, 72.8670,
-70.5970

Harmonies

Analogous

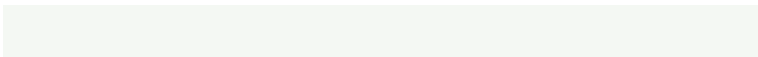
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.7400, 3.6680, -0.3960



246.4300, 1.6050, -1.5550



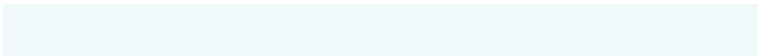
246.2340, -0.7790, -2.4030

Triad

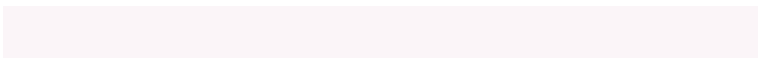
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4300, 1.6050, -1.5550



246.1350, -4.8140, -0.8620



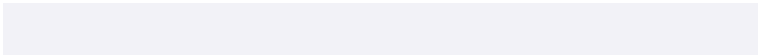
247.1360, 2.6130, 2.2050

Complementary

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



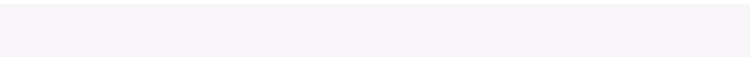
246.4300, 1.6050, -1.5550



242.5700, -1.6050, 1.5550

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.



247.3530, 0.5040, 1.8800



246.4300, 1.6050, -1.5550



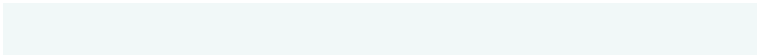
246.2600, -3.6680, 0.3960

Square

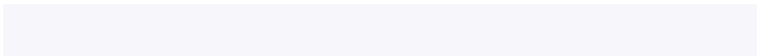
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



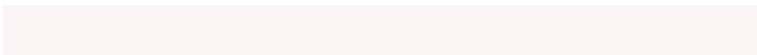
246.4300, 1.6050, -1.5550



245.9070, -4.1720, -1.4840



246.5700, -1.6050, 1.5550



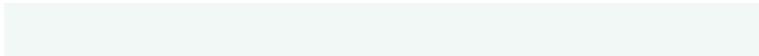
247.0930, 4.1720, 1.4840

Rectangle

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



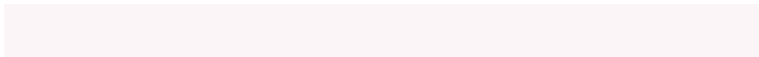
246.4300, 1.6050, -1.5550



245.8640, -2.6130, -2.2050



246.5700, -1.6050, 1.5550



247.1360, 2.6130, 2.2050

Sweetspot

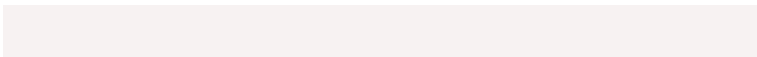
The Sweet Spot groups the original color and five complimentary colors.



246.4300, 1.6050, -1.5550



254.6580, 0.9630, -0.9330



243.4950, 2.9800, 1.0600



127.4730, 0.0460, -0.8340



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.



246.4300, 1.6050, -1.5550



254.4300, 1.6050, -1.5550



245.8320, 0.4130, -1.9790



121.7720, 0.6420, -0.6220



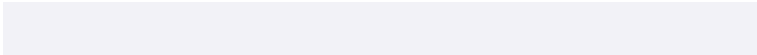
164.7960, 59.7060, -57.8460



52.2740, 18.9390, -18.3490

Inverse Universe

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



242.5700, -1.6050, 1.5550



250.5700, -1.6050, 1.5550



243.4670, 0.1830, 2.1910



120.2280, -0.6420, 0.6220



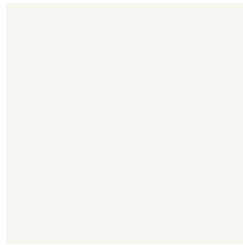
21.2040, -59.7060, 57.8460



6.7260, -18.9390, 18.3490

Previews

White Background



This preview shows how the YIQ color 246.4300, 1.6050, -1.5550 looks on a white background.

Color Contrast Check

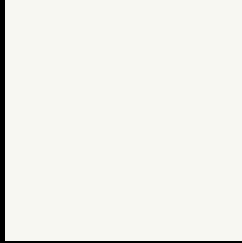
Large Text (above 18pt) WCAG AA × Fail

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 246.4300, 1.6050, -1.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

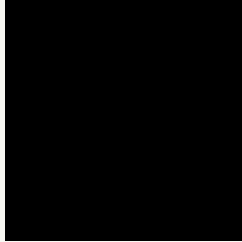
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

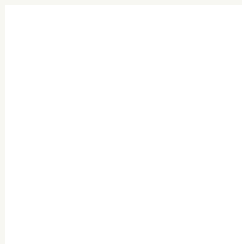
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.4300, 1.6050, -1.5550

Background



This preview shows how black text looks on a background with the YIQ color 246.4300, 1.6050, -1.5550.



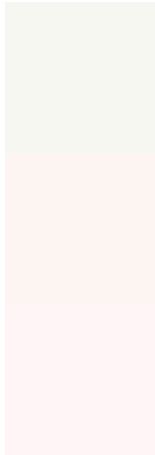
This preview shows how white text looks on a background with the YIQ color 246.4300, 1.6050,

-1.550.

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

246.4300, 1.6050, -1.5550

Protanopia

246.6370, 5.4560, 0.2400

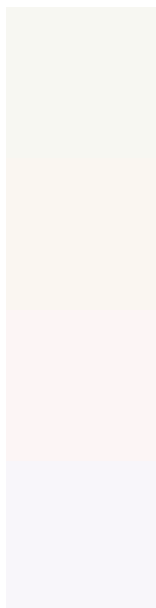
Deuteranopia

247.5170, 5.9140, 2.9540

Tritanopia

247.0370, -1.4220, 3.7460

Trichromacy



Original Color

246.4300, 1.6050, -1.5550

Protanomaly

246.6260, 3.9890, -0.7070

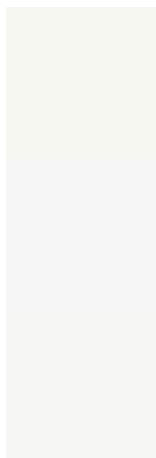
Deuteranomaly

247.0930, 4.1720, 1.4840

Tritanomaly

247.0540, -0.0920, 1.6680

Monochromacy



Original Color

246.4300, 1.6050, -1.5550

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.4300, 1.6050, -1.5550 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(247, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 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(247, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 242) }
```

Border

The CSS property to change the border of an element to YIQ 246.4300, 1.6050, -1.5550 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(247, 247, 242) }
```


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

```
.border{ border-color:rgb(247, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 246.4300, 1.6050, -1.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 242) }
```

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

```
.background{ background-color: rgb(247,  
247, 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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