

Converting Colors

YIQ(246.9980, 11.5090, -4.8350)

Have a look what the booklet for
YIQ(246.9980, 11.5090, -4.8350)
contains.

YIQ(246.9980, 11.5090, -4.8350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(246.9980, 11.5090,
-4.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E2
RGB	255, 247, 226
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0314, 0.1137
CMYK	0.00, 0.03, 0.11, 0.00
HSL	43°, 100%, 94%
HSV	43°, 11%, 100%
XYZ	88.2294, 93.2713, 85.3158
YIQ	246.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

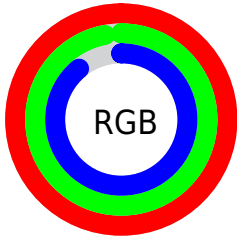
Format	Color
R _Y B	237, 255, 226
Decimal	16775138
CIE Lab	97.34, -0.78, 11.03
CIE LCh	97, 11.054, 94.029
Yxy	93.2713, 0.3307, 0.3496
Android (android.graphics.Color)	4294965218 (0xFFFFF7E2)
YUV	246.9980, -10.3520, 7.0178
Hunter-Lab	96.5771, -5.9386, 15.2274

Details

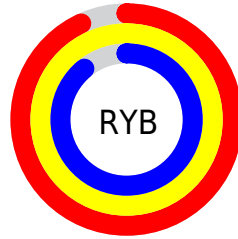
The YIQ color $246.9980, 11.5090, -4.8350$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.0020, -11.5090, 4.8350$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.8130, 10.5920, -4.7360$ is the 20% darker color. If you saturate the color by 10%, you get $240.0390, 21.4590, -8.9490$, and if you desaturate by 10%, it is $254.0710, 1.2380, -0.4100$.

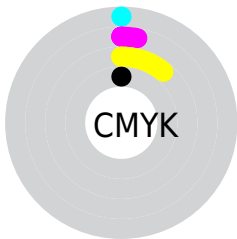
Distribution



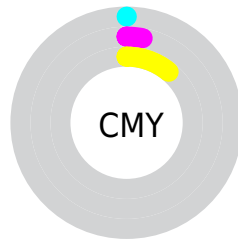
- Red (100%)
- Green (97%)
- Blue (89%)



- Red (93%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 246.9980, 11.5090, -4.8350 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 246.9980, 11.5090, -4.8350 by changing the saturation by 10% instead.


 246.9980, 11.5090,
-4.8350


 246.9980, 11.5090,
-4.8350

255.0000, -0.0000,
-0.0000

 218.6990, 10.9130,
-5.0470

 190.8130, 10.5920,
-4.7360

 163.8130, 10.5920,
-4.7360

 137.0410, 9.9500,
-4.1140

 111.7420, 9.3540,
-4.3260

 87.7420, 9.3540,
-4.3260

 63.9700, 8.7120,

-3.7040

■ 41.7850, 7.7950,
-3.6050

■ 21.2860, 10.6380,
-5.5700

■ 246.9980, 11.5090,
-4.8350

■ 246.9980, 11.5090,
-4.8350

■ 240.0390, 21.4590,
-8.9490

■ 254.0710, 1.2380,
-0.4100

■ 232.9660, 31.7300,
-13.3740

■ 255.0000, -0.0000,
-0.0000

■ 226.0070, 41.6800,
-17.4880

■ 218.9340, 51.9510,
-21.9130

■ 211.9750, 61.9010,
-26.0270

■ 204.9020, 72.1720,
-30.4520

■ 197.9430, 82.1220,
-34.5660

■ 190.8700, 92.3930,
-38.9910

■ 184.8400,
101.1050, -42.6950

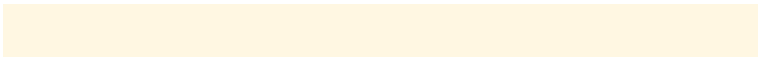
Harmonies

Analogous

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



245.4650, 11.6920, -2.6440



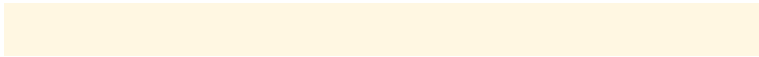
246.9980, 11.5090, -4.8350



245.5130, 2.5690, -8.0150

Triad

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



246.9980, 11.5090, -4.8350



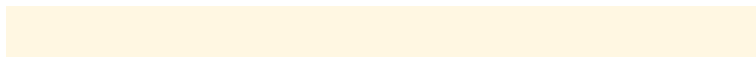
243.6600, -19.7140, -6.1620



246.7820, 3.8500, 7.3220

Complementary

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



246.9980, 11.5090, -4.8350



234.0020, -11.5090, 4.8350

Split Complementary

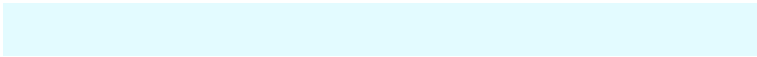
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3470, 0.6410, 4.9050



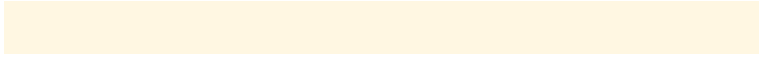
246.9980, 11.5090, -4.8350



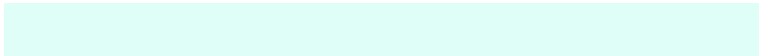
244.2800, -15.5880, -3.8440

Square

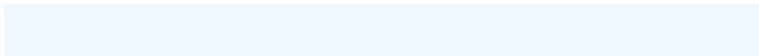
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.9980, 11.5090, -4.8350



244.0470, -16.5500, -8.4380



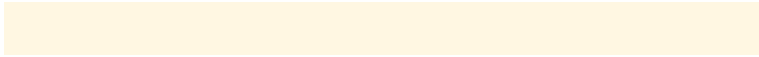
245.8080, -8.2070, 0.0570



245.1690, 7.0140, 5.0460

Rectangle

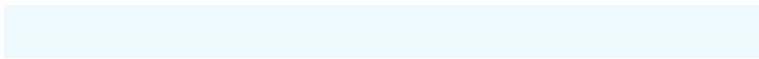
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.9980, 11.5090, -4.8350



244.5660, -4.9500, -9.4140



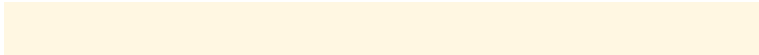
245.8080, -8.2070, 0.0570



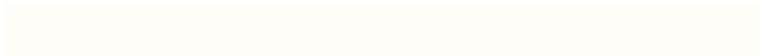
247.3690, 3.5750, 6.7990

Sweetspot

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



246.9980, 11.5090, -4.8350



252.9140, 3.1180, -1.4420



235.5830, 14.7160, 8.6360



126.1420, 2.4760, -0.8200



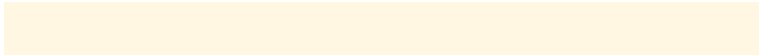
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



246.9980, 11.5090, -4.8350



245.0260, 14.3060, -5.9660



249.9000, 5.7330, -10.2910



124.1700, 5.2730, -1.9510



138.1150, 75.8860, -31.6820



46.1380, 25.4940, -10.4900

Inverse Universe

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



234.0020, -11.5090, 4.8350



228.9740, -14.3060, 5.9660



231.1000, -5.7330, 10.2910



118.2430, -4.9980, 2.4740



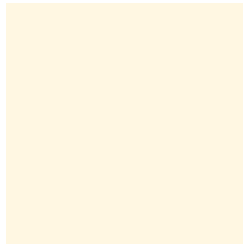
52.8850, -75.8860, 31.6820



17.8620, -25.4940, 10.4900

Previews

White Background



This preview shows how the YIQ color 246.9980, 11.5090, -4.8350 looks on a white background.

Color Contrast Check

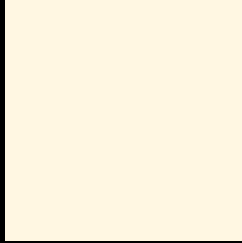
Large Text (above 18pt) WCAG AA × Fail

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 246.9980, 11.5090, -4.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

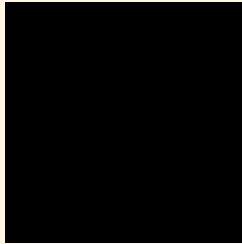
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 246.9980, 11.5090, -4.8350

Background



This preview shows how black text looks on a background with the YIQ color 246.9980, 11.5090, -4.8350.



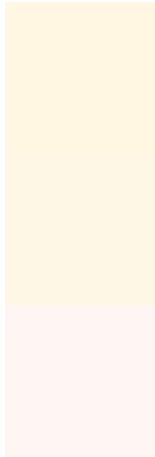
This preview shows how white text looks on a background with the YIQ color 246.9980, 11.5090,

-4.8350.

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

246.9980, 11.5090, -4.8350

Protanopia

247.4540, 10.2250, -3.5910

Deuteranopia

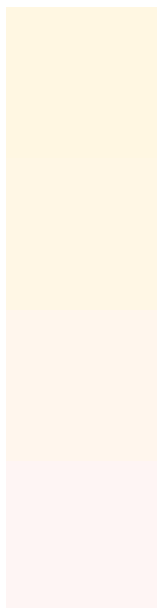
247.7620, 6.6020, 1.4980



Tritanopia

248.2440, 2.4290, 5.5410

Trichromacy



Original Color

246.9980, 11.5090, -4.8350

Protanomaly

247.3400, 10.5460, -3.9020

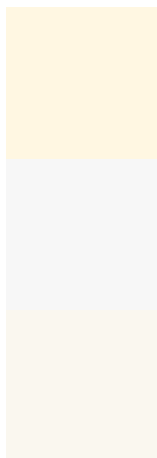
Deuteranomaly

247.6650, 8.2530, -0.8910

Tritanomaly

247.5770, 5.6850, 1.5970

Monochromacy



Original Color

246.9980, 11.5090, -4.8350

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.9980, 11.5090, -4.8350 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, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 226)  
}
```

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, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 226) }
```

Border

The CSS property to change the border of an element to YIQ 246.9980, 11.5090, -4.8350 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, 247, 226) }
```


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

```
.border{ border-color:rgb(255, 247, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 246.9980, 11.5090, -4.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 226) }
```

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

```
.background{ background-color: rgb(255,  
247, 226) }
```

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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