

Converting Colors

YIQ(246.9070, 13.0230,
-10.2490)

Have a look what the booklet for
YIQ(246.9070, 13.0230, -10.2490)
contains.

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Color

**YIQ(246.9070, 13.0230,
-10.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFAD7
RGB	253, 250, 215
RGB Percent	99%, 98%, 84%
CMY	0.0079, 0.0196, 0.1568
CMYK	0.00, 0.01, 0.15, 0.01
HSL	55°, 90%, 92%
HSV	55°, 15%, 99%
XYZ	86.9602, 94.1596, 77.8949
YIQ	246.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

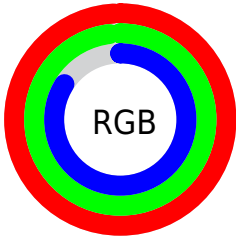
Format	Color
R _Y B	218, 253, 215
Decimal	16644823
CIE Lab	97.70, -4.67, 17.15
CIE LCh	98, 17.780, 105.238
Yxy	94.1596, 0.3357, 0.3635
Android (android.graphics.Color)	4294834903 (0xFFFD7AD7)
YUV	246.9070, -15.7302, 5.3436
Hunter-Lab	97.0359, -9.8474, 20.3305

Details

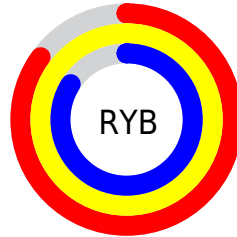
The YIQ color $246.9070, 13.0230, -10.2490$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $221.0930, -13.0230, 10.2490$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.7220, 12.1060, -10.1500$ is the 20% darker color. If you saturate the color by 10%, you get $242.8830, 21.5980, -16.9780$, and if you desaturate by 10%, it is $250.9310, 4.4480, -3.5200$.

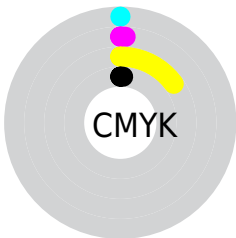
Distribution



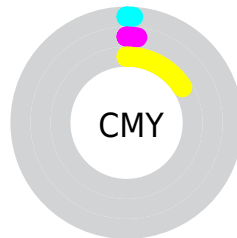
- Red (99%)
- Green (98%)
- Blue (84%)



- Red (85%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 246.9070, 13.0230, -10.2490 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 246.9070, 13.0230, -10.2490 by changing the saturation by 10% instead.


 246.9070, 13.0230,
-10.2490


 246.9070, 13.0230,
-10.2490


255.0000, -0.0000,
-0.0000


 218.0210, 12.7020,
-9.9380

 190.7220, 12.1060,
-10.1500

 163.2490, 12.0600,
-9.3160

 137.0640, 11.1430,
-9.2170

 111.7650, 10.5470,
-9.4290

 86.9930, 9.9050,
-8.8070

 64.1070, 9.5840,

-8.4960

■ 41.9220, 8.6670,
-8.3970

■ 21.5630, 8.3000,
-7.2520

■ 246.9070, 13.0230,
-10.2490

■ 246.9070, 13.0230,
-10.2490

■ 242.8830, 21.5980,
-16.9780

■ 250.9310, 4.4480,
-3.5200

■ 238.7450, 30.4940,
-24.0180

■ 253.8150, -0.9170,
0.0990

■ 234.7210, 39.0690,
-30.7470

■ 254.4020, -1.1920,
-0.4240

■ 230.6970, 47.6440,
-37.4760

■ 226.6730, 56.2190,
-44.2050

■ 222.5350, 65.1150,
-51.2450

■ 218.5110, 73.6900,
-57.9740

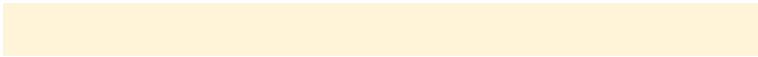
■ 214.4870, 82.2650,
-64.7030

■ 212.4180, 86.7130,
-68.2230

Harmonies

Analogous

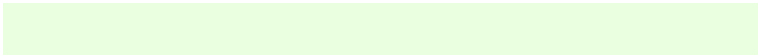
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9830, 15.8650, -6.6870



246.9070, 13.0230, -10.2490



244.8880, -3.1610, -14.3050

Triad

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



246.9070, 13.0230, -10.2490



240.3490, -29.2040, -10.3880



244.4340, 4.9500, 9.4140

Complementary

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



246.9070, 13.0230, -10.2490



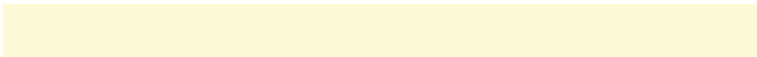
221.0930, -13.0230, 10.2490

Split Complementary

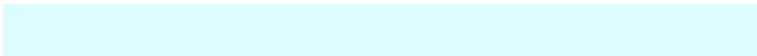
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 3.8500, 7.3220



246.9070, 13.0230, -10.2490



242.7740, -20.0350, -5.8510

Square

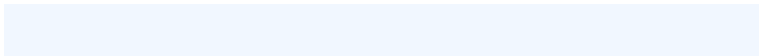
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.9070, 13.0230, -10.2490



240.0500, -29.8000, -10.6000



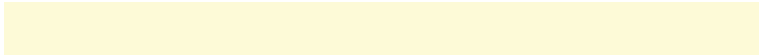
246.1180, -6.1440, 1.2160



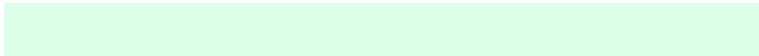
242.7240, 9.7650, 4.7490

Rectangle

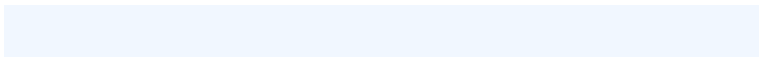
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.9070, 13.0230, -10.2490



242.3260, -13.2020, -14.0500



246.1180, -6.1440, 1.2160



245.0210, 4.6750, 8.8910

Sweetspot

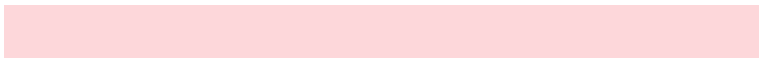
The Sweet Spot groups the original color and five complimentary colors.



246.9070, 13.0230, -10.2490



252.9310, 4.4480, -3.5200



226.7040, 21.6850, 8.9890



126.5010, 2.8430, -1.9650



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

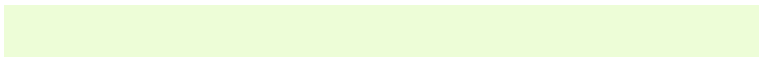
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.9070, 13.0230, -10.2490



247.4080, 15.8660, -12.2140



243.8840, 2.6620, -15.2100



125.3440, 4.7230, -2.9970



160.4210, 65.4360, -51.5560



53.7690, 21.9190, -17.2890

Inverse Universe

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



221.0930, -13.0230, 10.2490



216.5920, -15.8660, 12.2140



224.1160, -2.6620, 15.2100



117.0690, -4.4480, 3.5200



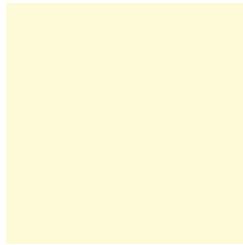
30.5790, -65.4360, 51.5560



10.2310, -21.9190, 17.2890

Previews

White Background



This preview shows how the YIQ color 246.9070, 13.0230, -10.2490 looks on a white background.

Color Contrast Check

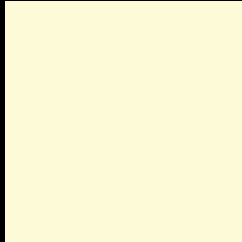
Large Text (above 18pt) WCAG AA × Fail

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 246.9070, 13.0230, -10.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

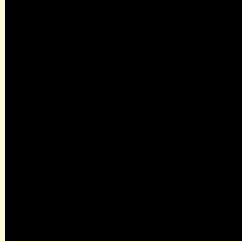
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 246.9070, 13.0230, -10.2490

Background



This preview shows how black text looks on a background with the YIQ color 246.9070, 13.0230, -10.2490.



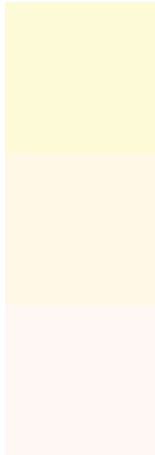
This preview shows how white text looks on a background with the YIQ color 246.9070, 13.0230,

-10.2490.

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

246.9070, 13.0230, -10.2490

Protanopia

248.1550, 9.6290, -3.8030

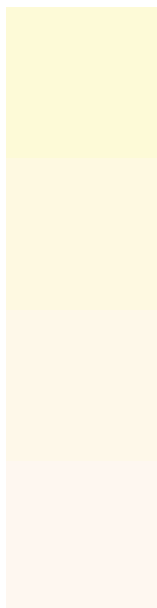
Deuteranopia

248.9360, 6.0520, 0.4520

Tritanopia

249.4180, 1.8790, 4.4950

Trichromacy



Original Color

246.9070, 13.0230, -10.2490

Protanomaly

247.7590, 10.6840, -6.4040

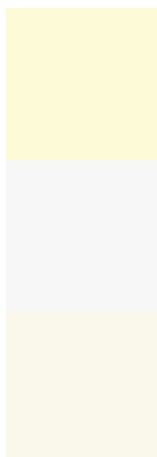
Deuteranomaly

248.0840, 8.3910, -3.3930

Tritanomaly

248.2950, 6.4190, -0.6930

Monochromacy



Original Color

246.9070, 13.0230, -10.2490

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.8170, 4.7690, -3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.9070, 13.0230, -10.2490 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(253, 250, 215)` looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 215)  
}
```

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(253, 250, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 215) }
```

Border

The CSS property to change the border of an element to YIQ 246.9070, 13.0230, -10.2490 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(253, 250, 215) }
```


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

```
.border{ border-color:rgb(253, 250, 215) }
```

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

Here you see how a box with a 4 pixel rgb(253, 250, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 250, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 250, 215);  
box-shadow:4px 4px 4px 4px rgb(253, 250,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 246.9070, 13.0230, -10.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 250, 215) }
```

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

```
.background{ background-color: rgb(253,  
250, 215) }
```

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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