

Converting Colors

YIQ(242.1070, 17.6110,
-27.3250)

Have a look what the booklet for
YIQ(242.1070, 17.6110, -27.3250)
contains.

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Color

**YIQ(242.1070, 17.6110,
-27.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FFB0
RGB	242, 255, 176
RGB Percent	95%, 100%, 69%
CMY	0.0511, 0.0000, 0.3097
CMYK	0.05, 0.00, 0.31, 0.00
HSL	70°, 100%, 85%
HSV	70°, 31%, 100%
XYZ	80.2107, 93.5295, 54.9171
YIQ	242.1070, 17.6110, -27.3250

Conversions

Conversions Part 2

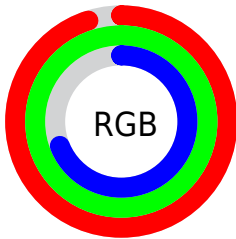
Format	Color
RYB	176, 255, 189
Decimal	15925168
CIELab	97.44, -16.48, 36.39
CIELCh	97, 39.945, 114.359
Yxy	93.5295, 0.3508, 0.4090
Android (android.graphics.Color)	4294115248 (0xFFFF2FFB0)
YUV	242.1070, -32.5908, -0.0938
Hunter-Lab	96.7107, -21.1978, 34.0297

Details

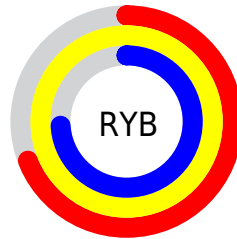
The YIQ color $242.1070, 17.6110, -27.3250$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $188.8930, -17.6110, 27.3250$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $185.5630, 16.3270, -26.0810$ is the 20% darker color. If you saturate the color by 10%, you get $238.0610, 23.2520, -35.9480$, and if you desaturate by 10%, it is $246.2670, 11.6490, -18.3910$.

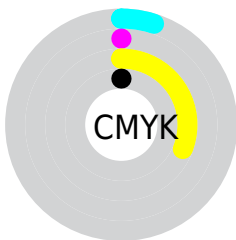
Distribution



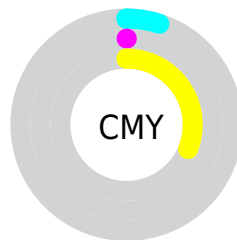
- Red (95%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.1070, 17.6110, -27.3250 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 242.1070, 17.6110, -27.3250 by changing the saturation by 10% instead.

242.1070, 17.6110,
-27.3250

242.1070, 17.6110,
-27.3250

255.0000, -0.0000,
-0.0000

213.3350, 16.9690,
-26.7030

252.3780, 7.3830,
-7.1530

185.5630, 16.3270,
-26.0810

158.6770, 16.0060,
-25.7700

132.4920, 15.0890,
-25.6710

106.7200, 14.4470,
-25.0490

81.5350, 13.5300,
-24.9500

58.1220, 13.2550,

-25.4730

■ 37.7440, 5.8720,
-18.3200

■ 16.4360, -7.7000,
-14.6440

■ 242.1070, 17.6110,
-27.3250

■ 242.1070, 17.6110,
-27.3250

■ 238.0610, 23.2520,
-35.9480

■ 246.2670, 11.6490,
-18.3910

■ 233.9010, 29.2140,
-44.8820

■ 250.3130, 6.0080,
-9.7680

■ 229.5560, 34.2590,
-53.7170

■ 254.7720, 0.6420,
-0.6220

■ 225.3960, 40.2210,
-62.6510

■ 255.0000, -0.0000,
-0.0000

■ 221.3500, 45.8620,
-71.2740

■ 217.1900, 51.8240,
-80.2080

■ 213.3720, 56.8230,
-88.2090

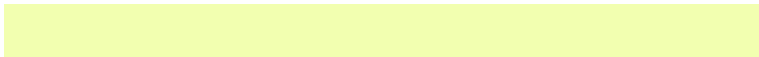
Harmonies

Analogous

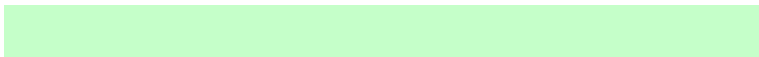
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.2660, 30.5850, -20.1590



242.1070, 17.6110, -27.3250



231.5020, -17.2340, -29.0900

Triad

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



242.1070, 17.6110, -27.3250



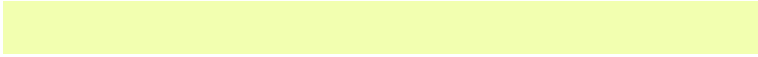
219.4190, -70.9240, -25.2280



233.8680, 9.9000, 18.8280

Complementary

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



242.1070, 17.6110, -27.3250



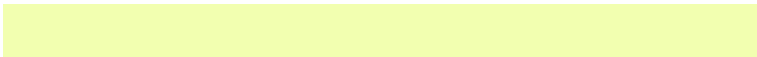
188.8930, -17.6110, 27.3250

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.



238.5640, 7.7000, 14.6440



242.1070, 17.6110, -27.3250



233.7820, -40.8490, -14.1050

Square

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



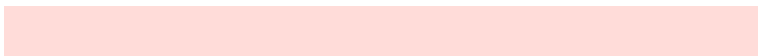
242.1070, 17.6110, -27.3250



215.5320, -78.6720, -27.9840



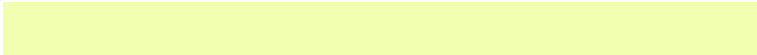
242.6070, -3.0270, 5.3010



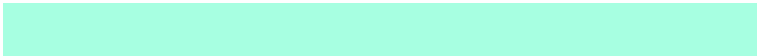
230.1230, 21.8230, 6.4870

Rectangle

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



242.1070, 17.6110, -27.3250



225.2680, -42.8180, -27.9860



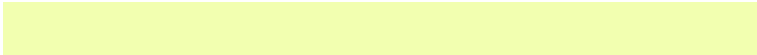
242.6070, -3.0270, 5.3010



235.0420, 9.3500, 17.7820

Sweetspot

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



242.1070, 17.6110, -27.3250



251.1820, 4.9990, -8.0010



206.6650, 43.7840, 10.4720



125.3930, 3.0270, -5.3010



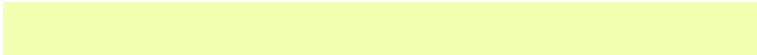
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

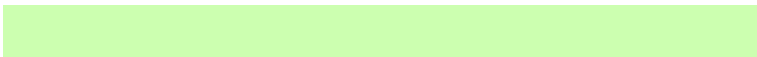
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.1070, 17.6110, -27.3250



239.5000, 20.6380, -32.6260



230.7450, -5.0370, -35.3810



125.6210, 2.3850, -4.6790



159.9570, 42.8350, -65.9730



53.4150, 13.9880, -22.2360

Inverse Universe

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



188.8930, -17.6110, 27.3250



176.2010, -21.2340, 32.4140



200.2550, 5.0370, 35.3810



117.0800, -2.9810, 4.4670



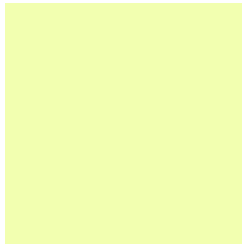
31.3420, -42.2390, 66.1850



10.5850, -13.9880, 22.2360

Previews

White Background



This preview shows how the YIQ color 242.1070, 17.6110, -27.3250 looks on a white background.

Color Contrast Check

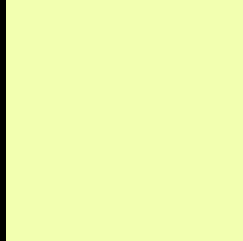
Large Text (above 18pt) WCAG AA × Fail

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 242.1070, 17.6110, -27.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

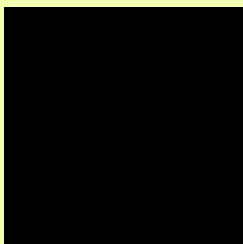
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

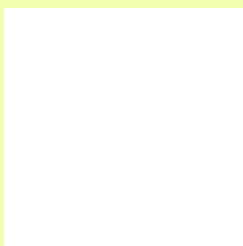
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.1070, 17.6110, -27.3250

Background



This preview shows how black text looks on a background with the YIQ color 242.1070, 17.6110, -27.3250.



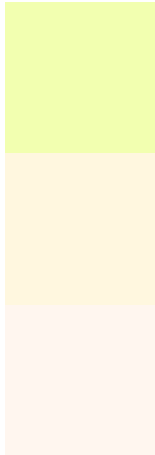
This preview shows how white text looks on a background with the YIQ color 242.1070, 17.6110,

-27.3250.

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

242.1070, 17.6110, -27.3250

Protanopia

246.6560, 12.4720, -5.7680

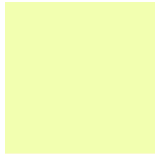
Deuteranopia

247.8930, 7.6110, -0.2690

Tritanopia

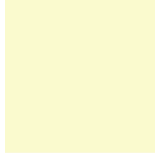
248.2220, -0.5050, 3.6470

Trichromacy



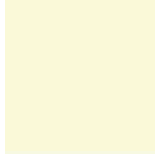
Original Color

242.1070, 17.6110, -27.3250



Protanomaly

244.9840, 14.1240, -13.6840



Deuteranomaly

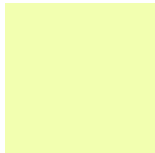
245.5370, 11.1890, -10.0510



Tritanomaly

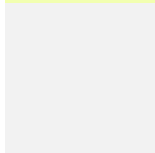
245.7800, 6.1910, -7.5770

Monochromacy



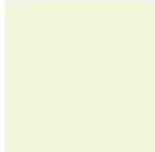
Original Color

242.1070, 17.6110, -27.3250



Achromatopsia

242.0000, -0.0000, 0.0000



Achromatomaly

242.1990, 6.3290, -10.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.1070, 17.6110, -27.3250 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(242, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 176)  
}
```

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(242, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 176) }
```

Border

The CSS property to change the border of an element to YIQ 242.1070, 17.6110, -27.3250 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(242, 255, 176) }
```


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

```
.border{ border-color:rgb(242, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 242.1070, 17.6110, -27.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 176) }
```

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

```
.background{ background-color: rgb(242,  
255, 176) }
```

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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