

Converting Colors

YIQ(247.2930, 8.7600, -15.5920)

Have a look what the booklet for
YIQ(247.2930, 8.7600, -15.5920)
contains.

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Color

**YIQ(247.2930, 8.7600,
-15.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD3
RGB	246, 255, 211
RGB Percent	96%, 100%, 83%
CMY	0.0353, 0.0000, 0.1725
CMYK	0.04, 0.00, 0.17, 0.00
HSL	72°, 100%, 91%
HSV	72°, 17%, 100%
XYZ	85.5217, 95.8146, 75.6261
YIQ	247.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

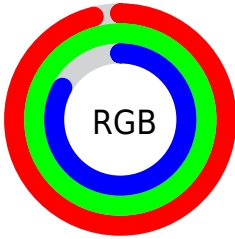
Format	Color
R _Y B	211, 255, 220
Decimal	16187347
CIE Lab	98.36, -10.22, 20.05
CIE LCh	98, 22.504, 117.006
Yxy	95.8146, 0.3328, 0.3729
Android (android.graphics.Color)	4294377427 (0xFFFF6FFD3)
YUV	247.2930, -17.8924, -1.1340
Hunter-Lab	97.8849, -15.3438, 22.7119

Details

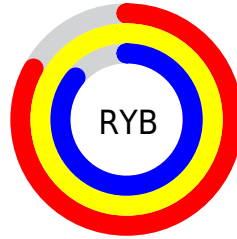
The YIQ color $247.2930, 8.7600, -15.5920$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $218.7070, -8.7600, 15.5920$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.5210, 8.1180, -14.9700$ is the 20% darker color. If you saturate the color by 10%, you get $242.9480, 13.8050, -24.4270$, and if you desaturate by 10%, it is $251.7520, 3.3940, -6.4460$.

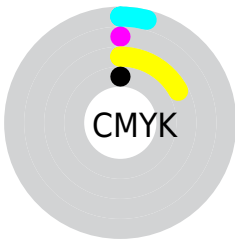
Distribution



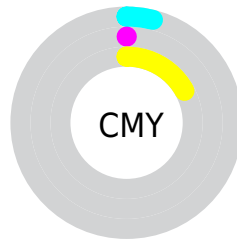
- Red (96%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.2930, 8.7600, -15.5920 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 247.2930, 8.7600, -15.5920 by changing the saturation by 10% instead.

 247.2930, 8.7600,
-15.5920

 247.2930, 8.7600,
-15.5920

255.0000, -0.0000,
-0.0000


 218.4070, 8.4390,
-15.2810

 190.5210, 8.1180,
-14.9700

 163.6350, 7.7970,
-14.6590

 137.7490, 7.4760,
-14.3480

 111.9770, 6.8340,
-13.7260

 87.3900, 7.1090,
-13.2030

 64.2050, 6.1920,

-13.1040

■ 41.4330, 5.5500,
-12.4820

■ 21.2310, 3.3030,
-10.3050

■ 247.2930, 8.7600,
-15.5920

■ 247.2930, 8.7600,
-15.5920

■ 242.9480, 13.8050,
-24.4270

■ 251.7520, 3.3940,
-6.4460

■ 238.4890, 19.1710,
-33.5730

255.0000, -0.0000,
-0.0000

■ 233.8450, 23.6200,
-42.6200

■ 229.3860, 28.9860,
-51.7660

■ 225.0410, 34.0310,
-60.6010

■ 220.5820, 39.3970,
-69.7470

■ 215.9380, 43.8460,
-78.7940

■ 211.4790, 49.2120,
-87.9400

■ 210.3820, 50.8630,
-90.3290

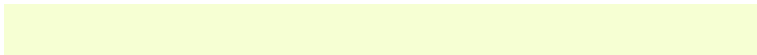
Harmonies

Analogous

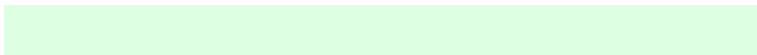
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4190, 17.3330, -11.2670



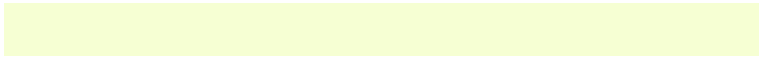
247.2930, 8.7600, -15.5920



241.5280, -10.9550, -16.2270

Triad

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



247.2930, 8.7600, -15.5920



238.5550, -32.7800, -11.6600



243.0320, 6.1420, 9.8380

Complementary

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



247.2930, 8.7600, -15.5920



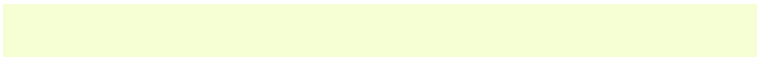
218.7070, -8.7600, 15.5920

Split Complementary

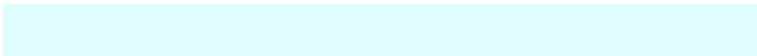
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.4000, 8.3680



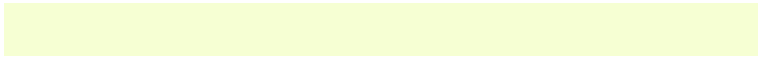
247.2930, 8.7600, -15.5920



244.2580, -18.5220, -5.7380

Square

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



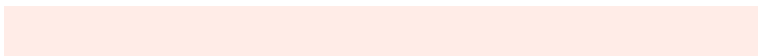
247.2930, 8.7600, -15.5920



236.1630, -37.5480, -13.3560



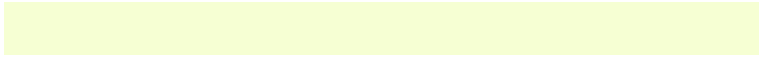
248.2330, 0.9620, 4.5940



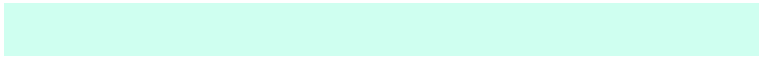
241.1110, 12.9290, 2.4730

Rectangle

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



247.2930, 8.7600, -15.5920



238.9380, -23.7930, -14.8410



248.2330, 0.9620, 4.5940



243.8470, 5.2250, 9.9370

Sweetspot

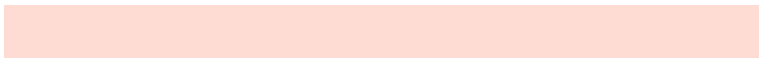
The Sweet Spot groups the original color and five complimentary colors.



247.2930, 8.7600, -15.5920



252.6210, 2.3850, -4.6790



229.4390, 23.7490, 4.6210



126.4900, 1.3760, -2.9120



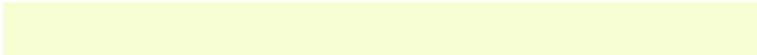
0.0000, 0.0000, 0.0000



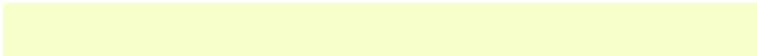
128.0000, -0.0000, -0.0000

Same Dimension

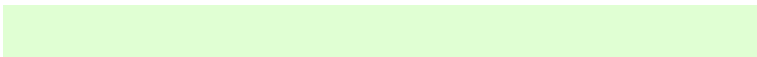
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.2930, 8.7600, -15.5920



245.5550, 10.7780, -19.1260



240.7150, -4.3520, -20.2560



125.6210, 2.3850, -4.6790



157.5650, 38.0670, -67.6690



52.8170, 12.7960, -22.6600

Inverse Universe

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



218.7070, -8.7600, 15.5920



210.4450, -10.7780, 19.1260



225.2850, 4.3520, 20.2560



117.0800, -2.9810, 4.4670



33.4350, -38.0670, 67.6690



11.1830, -12.7960, 22.6600

Previews

White Background



This preview shows how the YIQ color 247.2930, 8.7600, -15.5920 looks on a white background.

Color Contrast Check

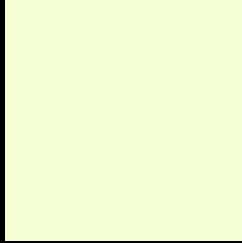
Large Text (above 18pt) WCAG AA × Fail

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 247.2930, 8.7600, -15.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

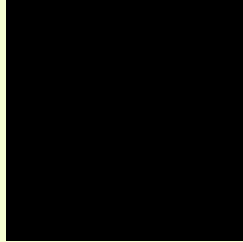
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 247.2930, 8.7600, -15.5920

Background



This preview shows how black text looks on a background with the YIQ color 247.2930, 8.7600, -15.5920.



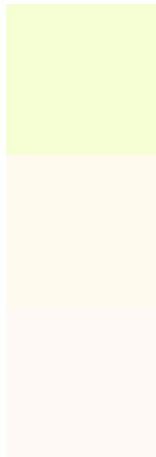
This preview shows how white text looks on a background with the YIQ color 247.2930, 8.7600, -15.5920.

-15.5920.

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

247.2930, 8.7600, -15.5920

Protanopia

250.0130, 7.1530, -2.9830

Deuteranopia

250.4520, 4.5390, 0.3390

Tritanopia

250.2820, -0.7340, 2.2900

Trichromacy



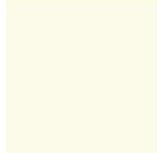
Original Color

247.2930, 8.7600, -15.5920



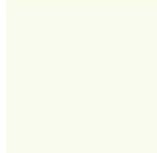
Protanomaly

249.2640, 7.7040, -7.4640



Deuteranomaly

249.2470, 6.3740, -5.3860



Tritanomaly

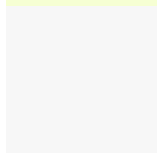
249.0340, 2.6600, -4.1560

Monochromacy



Original Color

247.2930, 8.7600, -15.5920



Achromatopsia

247.0000, -0.0000, -0.0000



Achromatomaly

247.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.2930, 8.7600, -15.5920 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, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 211)  
}
```

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, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 211) }
```

Border

The CSS property to change the border of an element to YIQ 247.2930, 8.7600, -15.5920 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, 255, 211) }
```


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

```
.border{ border-color:rgb(246, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 247.2930, 8.7600, -15.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 211) }
```

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

```
.background{ background-color: rgb(246,  
255, 211) }
```

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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