

Converting Colors

YIQ(242.7600, 8.9430, -13.4010)

Have a look what the booklet for
YIQ(242.7600, 8.9430, -13.4010)
contains.

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Color

**YIQ(242.7600, 8.9430,
-13.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F9D2
RGB	243, 249, 210
RGB Percent	95%, 98%, 82%
CMY	0.0471, 0.0235, 0.1764
CMYK	0.02, 0.00, 0.16, 0.02
HSL	69°, 76%, 90%
HSV	69°, 16%, 98%
XYZ	82.4701, 91.4598, 74.2906
YIQ	242.7600, 8.9430, -13.4010

Conversions

Conversions Part 2

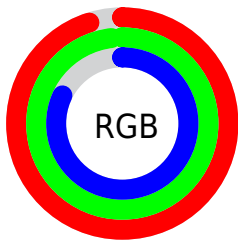
Format	Color
R _Y B	210, 249, 216
Decimal	15989202
CIE Lab	96.60, -8.45, 18.07
CIE LCh	97, 19.942, 115.057
Yxy	91.4598, 0.3322, 0.3685
Android (android.graphics.Color)	4294179282 (0xFFFF3F9D2)
YUV	242.7600, -16.1507, 0.2105
Hunter-Lab	95.6346, -13.4318, 20.8868

Details

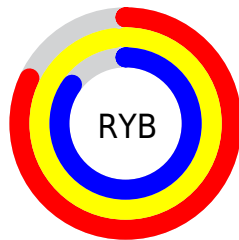
The YIQ color $242.7600, 8.9430, -13.4010$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.2400, -8.9430, 13.4010$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.8740, 8.6220, -13.0900$ is the 20% darker color. If you saturate the color by 10%, you get $238.7140, 14.5840, -22.0240$, and if you desaturate by 10%, it is $246.8060, 3.3020, -4.7780$.

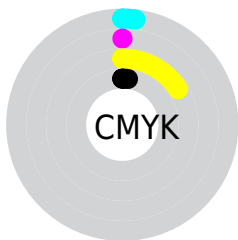
Distribution



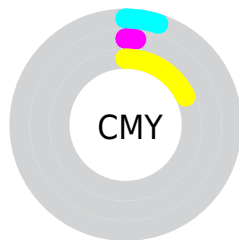
- Red (95%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.7600, 8.9430, -13.4010 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 242.7600, 8.9430, -13.4010 by changing the saturation by 10% instead.

■ 242.7600, 8.9430,
-13.4010

■ 242.7600, 8.9430,
-13.4010

255.0000, -0.0000,
-0.0000

■ 213.8740, 8.6220,
-13.0900

■ 186.8740, 8.6220,
-13.0900

■ 159.4010, 8.5760,
-12.2560

■ 133.2160, 7.6590,
-12.1570

■ 108.3300, 7.3380,
-11.8460

■ 83.5580, 6.6960,
-11.2240

■ 60.6720, 6.3750,

-10.9130

■ 38.7860, 6.0540,
-10.6020

■ 18.5730, 2.3400,
-9.3720

■ 242.7600, 8.9430,
-13.4010

■ 242.7600, 8.9430,
-13.4010

■ 238.7140, 14.5840,
-22.0240

■ 246.8060, 3.3020,
-4.7780

■ 234.6680, 20.2250,
-30.6470

■ 250.2820, -0.7340,
2.2900

■ 230.6220, 25.8660,
-39.2700

■ 251.4780, 1.6500,
3.1380

■ 226.8750, 32.1030,
-47.6810

■ 222.9430, 37.4230,
-55.9930

■ 218.8970, 43.0640,
-64.6160

■ 214.8510, 48.7050,
-73.2390

■ 210.8050, 54.3460,
-81.8620

■ 209.2520, 57.2810,
-85.4950

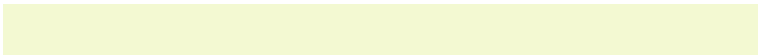
Harmonies

Analogous

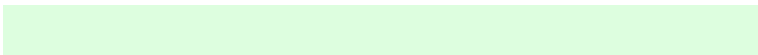
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.4840, 18.7080, -8.6520



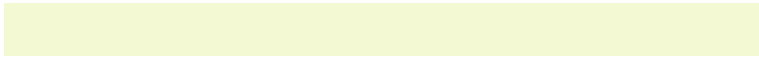
242.7600, 8.9430, -13.4010



240.5990, -9.7170, -16.6370

Triad

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



242.7600, 8.9430, -13.4010



237.6800, -31.6340, -10.4020



240.8150, 8.2510, 10.1630

Complementary

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



242.7600, 8.9430, -13.4010



216.2400, -8.9430, 13.4010

Split Complementary

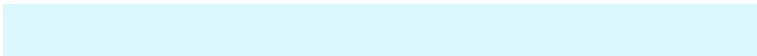
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.5000, 10.4600



242.7600, 8.9430, -13.4010



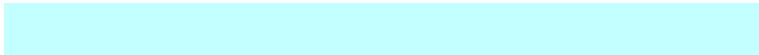
240.4260, -18.9350, -3.7590

Square

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



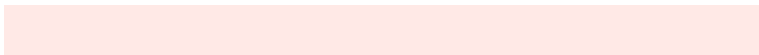
242.7600, 8.9430, -13.4010



237.0600, -35.7600, -12.7200



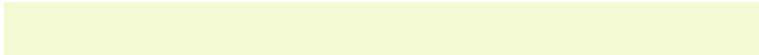
243.7920, -2.1100, 5.2020



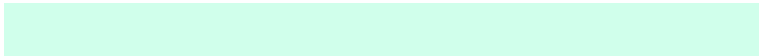
239.2360, 14.0750, 3.7310

Rectangle

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



242.7600, 8.9430, -13.4010



238.6670, -21.5920, -16.1840



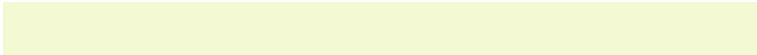
243.7920, -2.1100, 5.2020



242.0860, 6.0500, 11.5060

Sweetspot

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



242.7600, 8.9430, -13.4010



252.9200, 2.9810, -4.4670



225.1830, 21.5940, 5.1300



126.4900, 1.3760, -2.9120



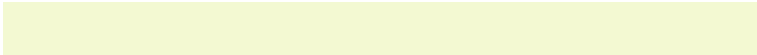
0.0000, 0.0000, 0.0000



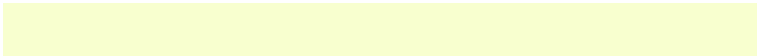
128.0000, -0.0000, -0.0000

Same Dimension

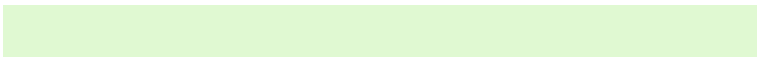
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.7600, 8.9430, -13.4010



247.4350, 11.2360, -16.4120



237.0790, -2.3810, -17.4290



122.9200, 2.9810, -4.4670



158.7830, 43.3850, -64.9270



51.3550, 14.2170, -20.8790

Inverse Universe

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



216.2400, -8.9430, 13.4010



214.5650, -11.2360, 16.4120



221.9210, 2.3810, 17.4290



114.0800, -2.9810, 4.4670



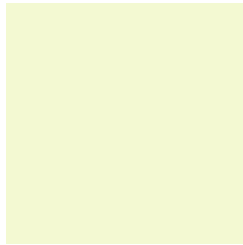
30.2170, -43.3850, 64.9270



9.6450, -14.2170, 20.8790

Previews

White Background



This preview shows how the YIQ color 242.7600, 8.9430, -13.4010 looks on a white background.

Color Contrast Check

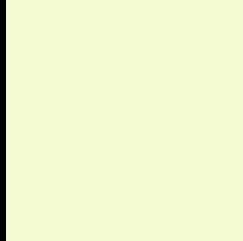
Large Text (above 18pt) WCAG AA × Fail

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 242.7600, 8.9430, -13.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

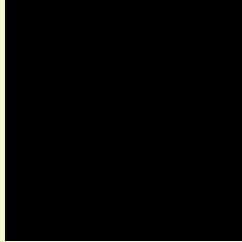
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

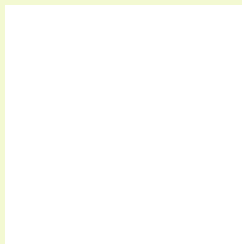
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.7600, 8.9430, -13.4010

Background



This preview shows how black text looks on a background with the YIQ color 242.7600, 8.9430, -13.4010.



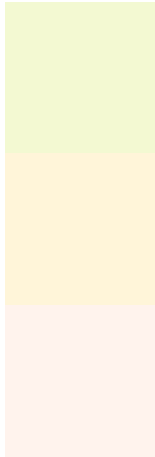
This preview shows how white text looks on a background with the YIQ color 242.7600, 8.9430,

-13.4010.

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

242.7600, 8.9430, -13.4010

Protanopia

244.7980, 14.9480, -6.5880

Deuteranopia

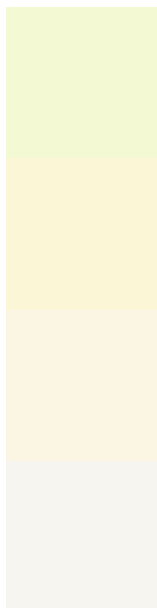
245.9040, 9.0780, 0.6780



Tritanopia

245.8630, -0.8720, 4.7920

Trichromacy



Original Color

242.7600, 8.9430, -13.4010

Protanomaly

243.8470, 13.2520, -8.8920

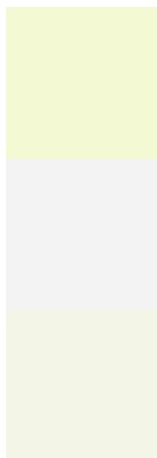
Deuteranomaly

244.7420, 9.3540, -4.3260

Tritanomaly

244.6150, 2.5220, -1.6540

Monochromacy



Original Color

242.7600, 8.9430, -13.4010

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

242.8060, 3.3020, -4.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.7600, 8.9430, -13.4010 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(243, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 210)  
}
```

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(243, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 210) }
```

Border

The CSS property to change the border of an element to YIQ 242.7600, 8.9430, -13.4010 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(243, 249, 210) }
```


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

```
.border{ border-color:rgb(243, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(243, 249,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 242.7600, 8.9430, -13.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 210) }
```

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

```
.background{ background-color: rgb(243,  
249, 210) }
```

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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