

Converting Colors

YIQ(232.8600, 19.2640,
-40.7680)

Have a look what the booklet for
YIQ(232.8600, 19.2640, -40.7680)
contains.

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Color

**YIQ(232.8600, 19.2640,
-40.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FE8E
RGB	226, 254, 142
RGB Percent	89%, 100%, 56%
CMY	0.1139, 0.0039, 0.4430
CMYK	0.11, 0.00, 0.44, 0.00
HSL	75°, 98%, 78%
HSV	75°, 44%, 100%
XYZ	71.6842, 89.0083, 39.0097
YIQ	232.8600, 19.2640, -40.7680

Conversions

Conversions Part 2

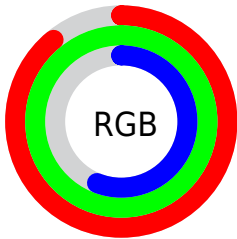
Format	Color
RYB	142, 254, 170
Decimal	14876302
CIELab	95.58, -25.84, 50.34
CIElCh	96, 56.583, 117.172
Yxy	89.0083, 0.3590, 0.4457
Android (android.graphics.Color)	4293066382 (0xFFE2FE8E)
YUV	232.8600, -44.7940, -6.0162
Hunter-Lab	94.3442, -29.4753, 41.5255

Details

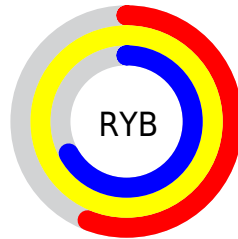
The YIQ color $232.8600, 19.2640, -40.7680$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $163.1400, -19.2640, 40.7680$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.3880, 18.6180, -18.0380$, and $176.3160, 17.9800, -39.5240$ is the 20% darker color. If you saturate the color by 10%, you get $228.2160, 23.7130, -49.8150$, and if you desaturate by 10%, it is $237.5040, 14.8150, -31.7210$.

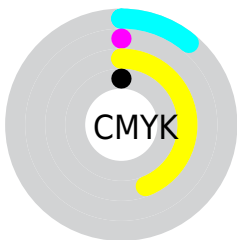
Distribution



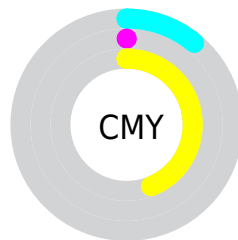
- Red (89%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.8600, 19.2640, -40.7680 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 232.8600, 19.2640, -40.7680 by changing the saturation by 10% instead.

232.8600, 19.2640,
-40.7680

232.8600, 19.2640,
-40.7680

255.0000, -0.0000,
-0.0000

204.0880, 18.6220,
-40.1460

248.3880, 18.6180,
-18.0380

176.3160, 17.9800,
-39.5240

251.6940, 9.3090,
-9.0190

149.1310, 17.0630,
-39.4250

122.1310, 17.0630,
-39.4250

95.6920, 19.6770,
-42.7470

73.1290, 11.3770,
-35.4950

51.5660, 3.0770,

-28.2430

■ 29.6820, -8.7530,
-23.0970

■ 16.4360, -7.7000,
-14.6440

■ 232.8600, 19.2640,
-40.7680

■ 232.8600, 19.2640,
-40.7680

■ 228.2160, 23.7130,
-49.8150

■ 237.5040, 14.8150,
-31.7210

■ 223.1590, 27.8870,
-59.3850

■ 242.5610, 10.6410,
-22.1510

■ 218.5150, 32.3360,
-68.4320

■ 247.2050, 6.1920,
-13.1040

■ 213.7570, 37.1060,
-77.7900

■ 251.9630, 1.4220,
-3.7460

■ 208.8140, 40.9590,
-87.0490

254.4130, 0.2750,
0.5230

■ 205.9080, 43.3900,
-92.5620

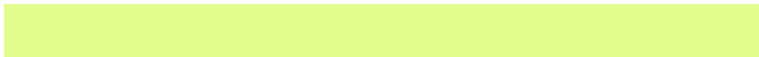
Harmonies

Analogous

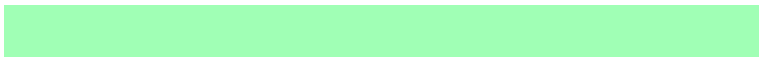
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.2980, 44.7540, -29.1500



232.8600, 19.2640, -40.7680



218.1590, -32.8660, -43.1540

Triad

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



232.8600, 19.2640, -40.7680



178.7550, -151.9800, -54.0600



220.9710, 17.2800, 28.2560

Complementary

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



232.8600, 19.2640, -40.7680



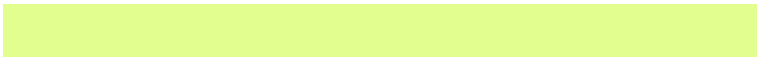
163.1400, -19.2640, 40.7680

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.



228.5850, 12.3750, 23.5350



232.8600, 19.2640, -40.7680



218.2890, -64.5060, -20.3940

Square

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



232.8600, 19.2640, -40.7680



178.7550, -151.9800, -54.0600



235.8400, -2.0650, 9.8950



217.0490, 33.8350, 9.0590

Rectangle

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



232.8600, 19.2640, -40.7680



205.4050, -77.4770, -44.1410



235.8400, -2.0650, 9.8950



223.3020, 14.8500, 28.2420

Sweetspot

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



232.8600, 19.2640, -40.7680



248.8460, 5.8250, -11.9590



191.9240, 59.0520, 9.1000



123.8120, 3.1650, -7.8030



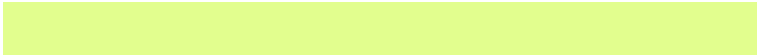
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

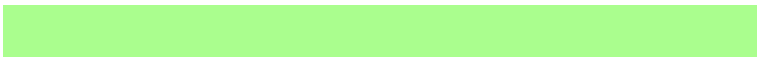
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.8600, 19.2640, -40.7680



229.4440, 23.0710, -49.1930



216.1160, -14.1120, -52.6400



125.3220, 1.7890, -4.8910



154.8740, 32.7030, -69.5770



51.9200, 11.0080, -23.2960

Inverse Universe

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



163.1400, -19.2640, 40.7680



145.5560, -23.0710, 49.1930



179.8840, 14.1120, 52.6400



117.3790, -2.3850, 4.6790



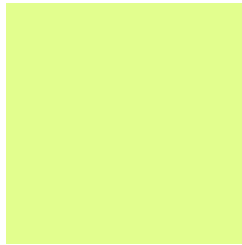
36.1260, -32.7030, 69.5770



12.0800, -11.0080, 23.2960

Previews

White Background



This preview shows how the YIQ color 232.8600, 19.2640, -40.7680 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 232.8600, 19.2640, -40.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

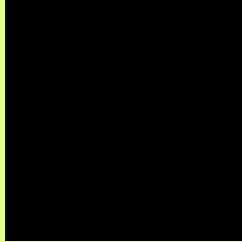
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.8600, 19.2640, -40.7680

Background



This preview shows how black text looks on a background with the YIQ color 232.8600, 19.2640, -40.7680.



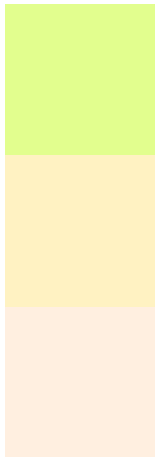
This preview shows how white text looks on a background with the YIQ color 232.8600, 19.2640, -40.7680.

-40.7680.

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

232.8600, 19.2640, -40.7680

Protanopia

240.4150, 23.1560, -12.1720

Deuteranopia

242.0740, 14.3510, -1.2730



Tritanopia

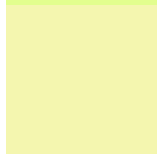
242.5960, -4.4940, 4.3540

Trichromacy



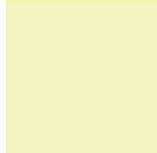
Original Color

232.8600, 19.2640, -40.7680



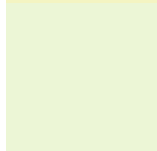
Protanomaly

237.3080, 21.5990, -22.5050



Deuteranomaly

238.3000, 16.0500, -15.5500



Tritanomaly

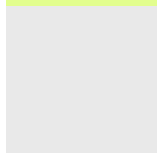
239.3620, 4.3120, -12.0720

Monochromacy



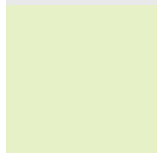
Original Color

232.8600, 19.2640, -40.7680



Achromatopsia

233.0000, -0.0000, -0.0000



Achromatomaly

233.0370, 6.6050, -15.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.8600, 19.2640, -40.7680 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(226, 254, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 254, 142)  
}
```

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(226, 254, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 142) }
```

Border

The CSS property to change the border of an element to YIQ 232.8600, 19.2640, -40.7680 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(226, 254, 142) }
```


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

```
.border{ border-color:rgb(226, 254, 142) }
```

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

Here you see how a box with a 4 pixel rgb(226, 254, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 254, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 254, 142);  
box-shadow:4px 4px 4px 4px rgb(226, 254,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 232.8600, 19.2640, -40.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 142) }
```

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

```
.background{ background-color: rgb(226,  
254, 142) }
```

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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