

Converting Colors

YIQ(235.5300, -13.2960,
-1.3280)

Have a look what the booklet for
YIQ(235.5300, -13.2960, -1.3280)
contains.

YIQ(235.5300, -13.2960, -1.3280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(235.5300, -13.2960,
-1.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF0F8
RGB	222, 240, 248
RGB Percent	87%, 94%, 97%
CMY	0.1294, 0.0588, 0.0275
CMYK	0.10, 0.03, 0.00, 0.03
HSL	198°, 65%, 92%
HSV	198°, 10%, 97%
XYZ	78.2245, 84.6291, 101.0069
YIQ	235.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

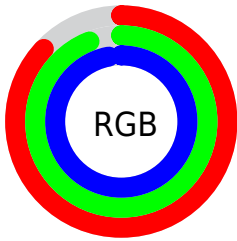
Format	Color
R _Y B	222, 233, 248
Decimal	14610680
CIE Lab	93.72, -4.38, -5.88
CIE LCh	94, 7.330, 233.328
Yxy	84.6291, 0.2965, 0.3207
Android (android.graphics.Color)	4292800760 (0xFFDEF0F8)
YUV	235.5300, 6.1477, -11.8658
Hunter-Lab	91.9941, -9.2073, -0.7029

Details

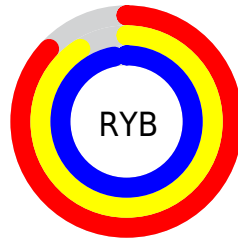
The YIQ color $235.5300, -13.2960, -1.3280$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.4700, 13.2960, 1.3280$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.8290, -12.7000, -1.1160$ is the 20% darker color. If you saturate the color by 10%, you get $223.3590, -25.9960, -2.4440$, and if you desaturate by 10%, it is $247.7010, -0.5960, -0.2120$.

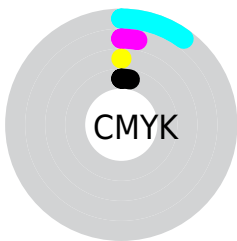
Distribution



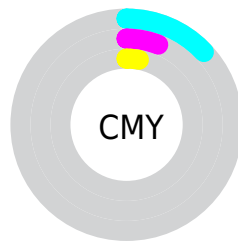
- Red (87%)
- Green (94%)
- Blue (97%)



- Red (87%)
- Yellow (91%)
- Blue (97%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.5300, -13.2960, -1.3280 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 235.5300, -13.2960, -1.3280 by changing the saturation by 10% instead.

■ 235.5300,
-13.2960, -1.3280

■ 235.5300,
-13.2960, -1.3280

255.0000, -0.0000,
-0.0000

■ 207.4160,
-12.9750, -1.6390

■ 179.8290,
-12.7000, -1.1160

■ 152.8290,
-12.7000, -1.1160

■ 127.0140,
-11.7830, -1.2150

■ 102.0140,
-11.7830, -1.2150

■ 77.9000, -11.4620,
-1.5260

■ 55.1990, -10.8660,

-1.3140

■ 33.1990, -10.8660,
-1.3140

■ 12.0140, -11.7830,
-1.2150

■ 235.5300,
-13.2960, -1.3280

■ 235.5300,
-13.2960, -1.3280

■ 223.3590,
-25.9960, -2.4440

■ 247.7010, -0.5960,
-0.2120

■ 211.7750,
-38.9710, -4.0830

■ 254.2020, 2.2470,
-2.1770

■ 199.9030,
-51.0750, -4.9870

■ 188.3190,
-64.0500, -6.6260

■ 176.1480,
-76.7500, -7.7420

■ 163.9770,
-89.4500, -8.8580

■ 152.3930,
-102.4250, -10.4970

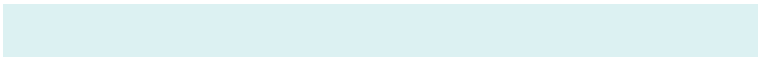
■ 140.5210,
-114.5290, -11.4010

■ 129.2360,
-126.9080, -12.8280

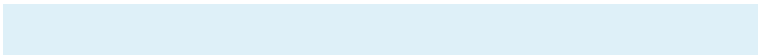
Harmonies

Analogous

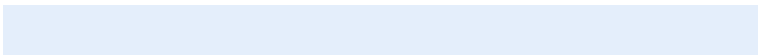
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8350, -12.8370, -4.1410



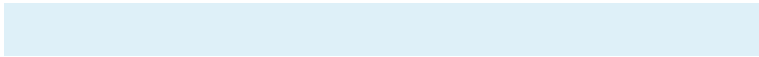
235.5300, -13.2960, -1.3280



236.4920, -10.1330, 1.9230

Triad

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



235.5300, -13.2960, -1.3280



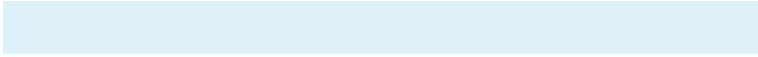
238.4790, 9.0770, 6.2050



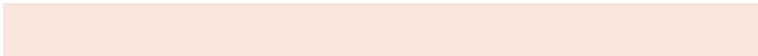
236.1050, 3.8980, -4.5660

Complementary

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



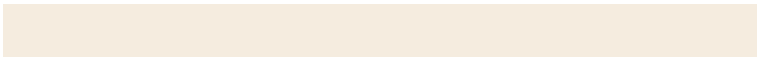
235.5300, -13.2960, -1.3280



234.4700, 13.2960, 1.3280

Split Complementary

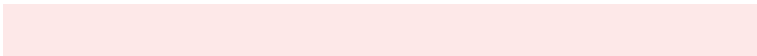
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.2090, 9.5370, -2.1350



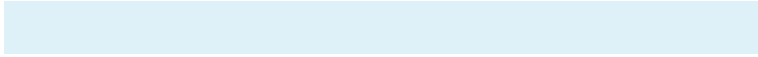
235.5300, -13.2960, -1.3280



238.2790, 12.5160, 4.4520

Square

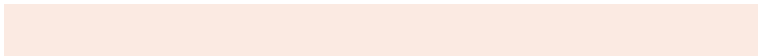
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



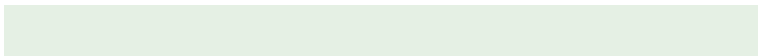
235.5300, -13.2960, -1.3280



238.5430, 3.0250, 5.7530



238.1710, 12.7000, 1.1160



235.3430, -2.7040, -6.0640

Rectangle

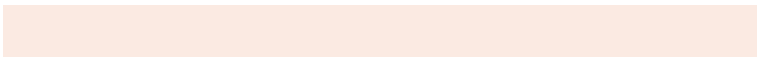
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.5300, -13.2960, -1.3280



237.1120, -6.0070, 4.2410



238.1710, 12.7000, 1.1160



236.3010, 6.2820, -3.7180

Sweetspot

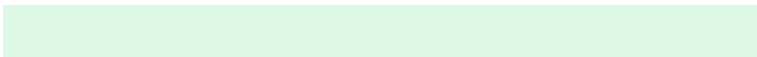
The Sweet Spot groups the original color and five complimentary colors.



235.5300, -13.2960, -1.3280



251.4340, -4.2180, -0.6500



238.1740, -9.7180, -11.1100



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



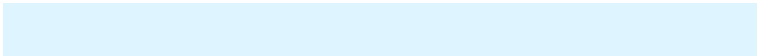
128.0000, -0.0000, -0.0000

Same Dimension

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



235.5300, -13.2960, -1.3280



239.2630, -16.9180, -1.7660



227.8990, -9.7210, 5.4710



118.7650, -6.6480, -0.6640



98.4430, -96.6940, -9.7340



31.6080, -31.1310, -2.9950

Inverse Universe

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



231.8260, 9.7180, 11.1100



234.4890, 12.2850, 14.1490



242.1010, 9.7210, -5.4710



116.9130, 4.8590, 5.5550



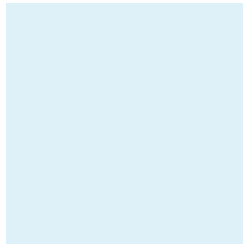
71.4450, 70.5930, 80.8090



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 235.5300, -13.2960, -1.3280 looks on a white background.

Color Contrast Check

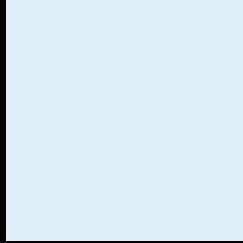
Large Text (above 18pt) WCAG AA × Fail

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 235.5300, -13.2960, -1.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

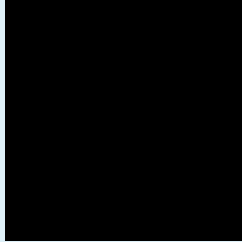
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

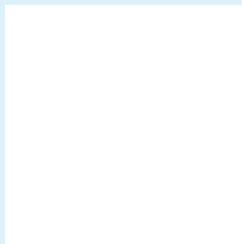
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.5300, -13.2960, -1.3280

Background



This preview shows how black text looks on a background with the YIQ color 235.5300, -13.2960, -1.3280.



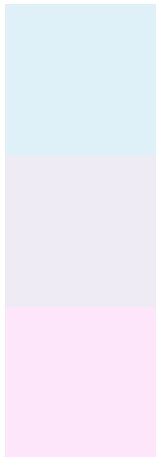
This preview shows how white text looks on a background with the YIQ color 235.5300, -13.2960,

-1.3280.

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

235.5300, -13.2960, -1.3280

Protanopia

237.0370, -1.4220, 3.7460

Deuteranopia

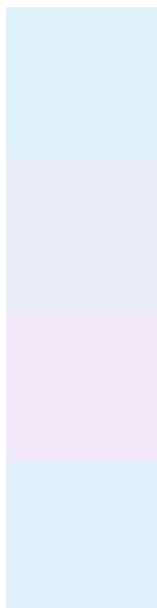
239.4560, 7.8840, 11.3080



Tritanopia

236.0510, -13.2050, 2.5310

Trichromacy



Original Color

235.5300, -13.2960, -1.3280

Protanomaly

236.5310, -5.8690, 1.7390

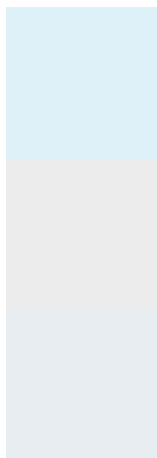
Deuteranomaly

238.1020, -0.0470, 6.3610

Tritanomaly

235.9970, -13.1130, 0.8630

Monochromacy



Original Color

235.5300, -13.2960, -1.3280

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.5480, -4.5390, -0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.5300, -13.2960, -1.3280 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(222, 240, 248)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 248)  
}
```

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(222, 240, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 248) }
```

Border

The CSS property to change the border of an element to YIQ 235.5300, -13.2960, -1.3280 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(222, 240, 248) }
```


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

```
.border{ border-color:rgb(222, 240, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 240, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 248);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 235.5300, -13.2960, -1.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 240, 248) }
```

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

```
.background{ background-color: rgb(222,  
240, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor