

Converting Colors

YIQ(230.1340, 12.9810,
-31.5230)

Have a look what the booklet for
YIQ(230.1340, 12.9810, -31.5230)
contains.

YIQ(230.1340, 12.9810, -31.5230)	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(230.1340, 12.9810,
-31.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF7A2
RGB	223, 247, 162
RGB Percent	87%, 97%, 64%
CMY	0.1256, 0.0313, 0.3646
CMYK	0.10, 0.00, 0.34, 0.03
HSL	77°, 84%, 80%
HSV	77°, 34%, 97%
XYZ	70.2108, 84.8208, 46.8679
YIQ	230.1340, 12.9810, -31.5230

Conversions

Conversions Part 2

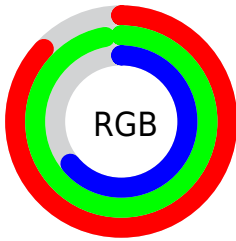
Format	Color
R _Y B	162, 247, 186
Decimal	14677922
CIE Lab	93.81, -21.31, 38.31
CIE LCh	94, 43.842, 119.089
Yxy	84.8208, 0.3478, 0.4201
Android (android.graphics.Color)	4292868002 (0xFFDFF7A2)
YUV	230.1340, -33.5901, -6.2565
Hunter-Lab	92.0982, -25.0929, 34.2966

Details

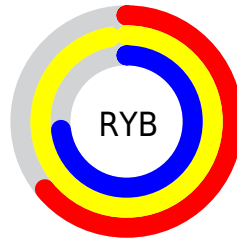
The YIQ color **230.1340, 12.9810, -31.5230** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **178.8660, -12.9810, 31.5230**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **174.4760, 12.0180, -30.5900** is the 20% darker color. If you saturate the color by 10%, you get **225.1910, 16.8340, -40.7820**, and if you desaturate by 10%, it is **235.0770, 9.1280, -22.2640**.

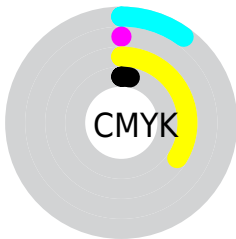
Distribution



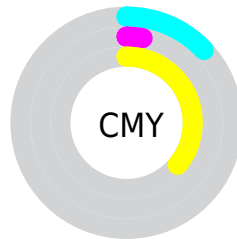
- Red (87%)
- Green (97%)
- Blue (64%)



- Red (64%)
- Yellow (97%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1340, 12.9810, -31.5230 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 230.1340, 12.9810, -31.5230 by changing the saturation by 10% instead.

230.1340, 12.9810,
-31.5230

230.1340, 12.9810,
-31.5230

255.0000, -0.0000,
-0.0000

201.6610, 12.9350,
-30.6890

250.7820, 11.8770,
-11.5070

174.4760, 12.0180,
-30.5900

253.9740, 2.8890,
-2.7990

147.7040, 11.3760,
-29.9680

120.9320, 10.7340,
-29.3460

96.0460, 10.4130,
-29.0350

70.8180, 11.0550,
-29.6570

49.2290, 5.6440,

-25.2040

■ 28.8400, -3.2060,
-18.9980

■ 12.9140, -6.0500,
-11.5060

■ 230.1340, 12.9810,
-31.5230

■ 230.1340, 12.9810,
-31.5230

■ 225.1910, 16.8340,
-40.7820

■ 235.0770, 9.1280,
-22.2640

■ 220.3620, 20.3660,
-49.7300

■ 239.9060, 5.5960,
-13.3160

■ 215.4190, 24.2190,
-58.9890

■ 244.8490, 1.7430,
-4.0570

■ 210.4760, 28.0720,
-68.2480

■ 249.1080, -0.1840,
3.3360

■ 205.6470, 31.6040,
-77.1960

■ 250.3040, 2.2000,
4.1840

■ 200.7040, 35.4570,
-86.4550

■ 197.9120, 37.5670,
-91.6570

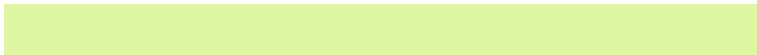
Harmonies

Analogous

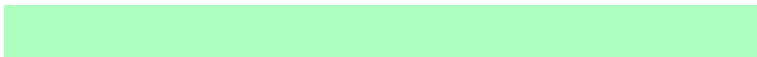
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.9310, 38.8380, -21.0500



230.1340, 12.9810, -31.5230



223.3000, -28.6490, -36.9770

Triad

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



230.1340, 12.9810, -31.5230



210.7700, -85.2740, -29.4820



223.9400, 18.5650, 21.4850

Complementary

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



230.1340, 12.9810, -31.5230



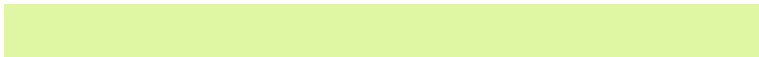
178.8660, -12.9810, 31.5230

Split Complementary

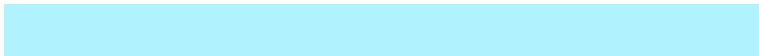
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 11.5500, 21.9660



230.1340, 12.9810, -31.5230



224.0470, -42.9130, -9.7370

Square

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



230.1340, 12.9810, -31.5230



204.1700, -101.3200, -36.0400



234.3780, -0.6440, 11.6760



220.9130, 31.2220, 6.8540

Rectangle

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



230.1340, 12.9810, -31.5230



216.0270, -58.4970, -35.6890



234.3780, -0.6440, 11.6760



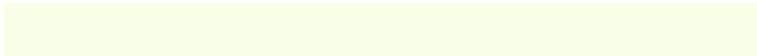
226.1230, 13.7960, 25.3160

Sweetspot

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



230.1340, 12.9810, -31.5230



250.0570, 3.8530, -9.2590



200.9160, 44.3350, 5.9910



124.6810, 2.1560, -6.0360



0.0000, 0.0000, 0.0000



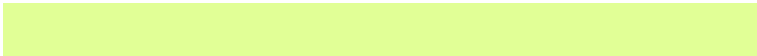
128.0000, -0.0000, -0.0000

Same Dimension

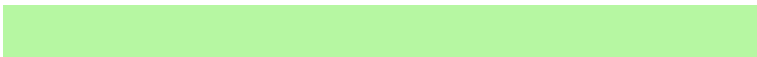
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1340, 12.9810, -31.5230



234.0600, 15.8250, -39.0150



217.8750, -11.4550, -40.2150



119.7350, 2.0640, -4.3680



148.9490, 28.1180, -69.0820



47.1910, 8.8070, -21.9530

Inverse Universe

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



178.8660, -12.9810, 31.5230



170.9400, -15.8250, 39.0150



191.1250, 11.4550, 40.2150



112.5640, -1.4680, 4.5800



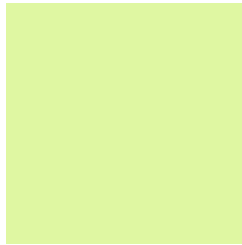
37.0510, -28.1180, 69.0820



11.8090, -8.8070, 21.9530

Previews

White Background



This preview shows how the YIQ color 230.1340, 12.9810, -31.5230 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 230.1340, 12.9810, -31.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

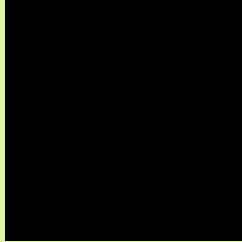
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

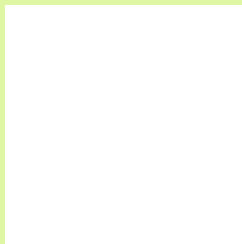
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.1340, 12.9810, -31.5230

Background



This preview shows how black text looks on a background with the YIQ color 230.1340, 12.9810, -31.5230.



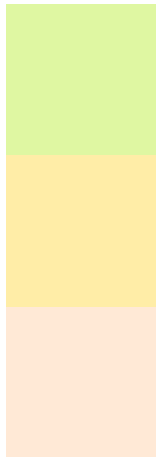
This preview shows how white text looks on a background with the YIQ color 230.1340, 12.9810,

-31.5230.

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

230.1340, 12.9810, -31.5230

Protanopia

234.4020, 33.1980, -17.9540

Deuteranopia

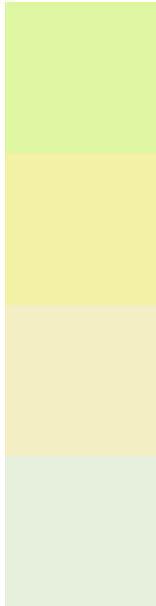
237.4120, 19.2110, -1.2450



Tritanopia

237.7530, -6.3740, 5.3860

Trichromacy



Original Color

230.1340, 12.9810, -31.5230

Protanomaly

232.9340, 25.5880, -23.2120

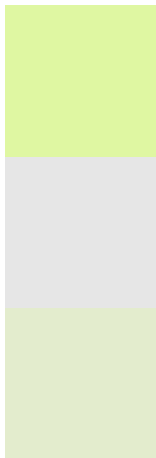
Deuteranomaly

234.5930, 16.7830, -12.3130

Tritanomaly

235.1430, 0.7350, -7.8170

Monochromacy



Original Color

230.1340, 12.9810, -31.5230

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.7750, 4.5870, -11.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1340, 12.9810, -31.5230 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(223, 247, 162)` looks like.

```
.text, #text, p{  
    color:rgb(223, 247, 162)  
}
```

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(223, 247, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 247, 162) }
```

Border

The CSS property to change the border of an element to YIQ 230.1340, 12.9810, -31.5230 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(223, 247, 162) }
```


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

```
.border{ border-color:rgb(223, 247, 162) }
```

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

Here you see how a box with a 4 pixel rgb(223, 247, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 247, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 247, 162);  
box-shadow:4px 4px 4px 4px rgb(223, 247,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1340, 12.9810, -31.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 247, 162) }
```

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

```
.background{ background-color: rgb(223,  
247, 162) }
```

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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