

Converting Colors

YIQ(237.4800, 6.1950, -29.6850)

Have a look what the booklet for
YIQ(237.4800, 6.1950, -29.6850)
contains.

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Color

**YIQ(237.4800, 6.1950,
-29.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFB4
RGB	225, 255, 180
RGB Percent	88%, 100%, 71%
CMY	0.1178, 0.0000, 0.2940
CMYK	0.12, 0.00, 0.29, 0.00
HSL	84°, 100%, 85%
HSV	84°, 29%, 100%
XYZ	75.0423, 90.8189, 56.7659
YIQ	237.4800, 6.1950, -29.6850

Conversions

Conversions Part 2

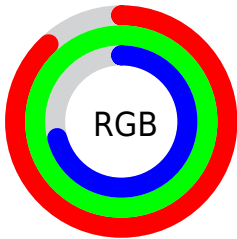
Format	Color
RYB	180, 255, 210
Decimal	14811060
CIELab	96.34, -22.08, 32.71
CIELCh	96, 39.468, 124.017
Yxy	90.8189, 0.3371, 0.4079
Android (android.graphics.Color)	4293001140 (0xFFE1FFB4)
YUV	237.4800, -28.3376, -10.9450
Hunter-Lab	95.2989, -26.2148, 31.3925

Details

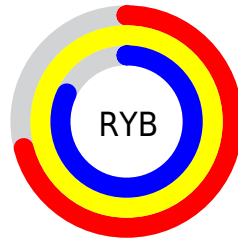
The YIQ color $237.4800, 6.1950, -29.6850$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $197.5200, -6.1950, 29.6850$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $181.2350, 5.5070, -28.2290$ is the 20% darker color. If you saturate the color by 10%, you get $231.6400, 8.2600, -39.5800$, and if you desaturate by 10%, it is $243.4340, 3.8090, -19.4790$.

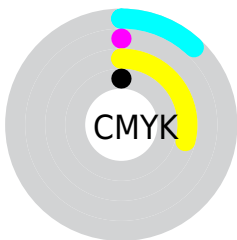
Distribution



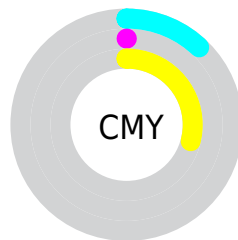
- Red (88%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.4800, 6.1950, -29.6850 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 237.4800, 6.1950, -29.6850 by changing the saturation by 10% instead.


 237.4800, 6.1950,
-29.6850


 237.4800, 6.1950,
-29.6850

255.0000, -0.0000,
-0.0000


 209.0070, 6.1490,
-28.8510


 252.8340, 6.0990,
-5.9090

 181.2350, 5.5070,
-28.2290

 154.3490, 5.1860,
-27.9180

 127.8760, 5.1400,
-27.0840

 102.6910, 4.2230,
-26.9850

 77.9190, 3.5810,
-26.3630

 53.8050, 3.9020,

-26.6740

■ 33.2700, -1.6010,
-20.5530

■ 16.4360, -7.7000,
-14.6440

■ 237.4800, 6.1950,
-29.6850

■ 237.4800, 6.1950,
-29.6850

■ 231.6400, 8.2600,
-39.5800

■ 243.4340, 3.8090,
-19.4790

■ 225.6860, 10.6460,
-49.7860

■ 249.2740, 1.7440,
-9.5840

■ 219.5470, 12.1150,
-59.8930

255.0000, -0.0000,
-0.0000

■ 213.5930, 14.5010,
-70.0990

■ 207.7530, 16.5660,
-79.9940

■ 201.7990, 18.9520,
-90.2000

■ 195.6600, 20.4210,
-100.3070

■ 195.4320, 21.0630,
-100.9290

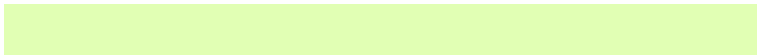
Harmonies

Analogous

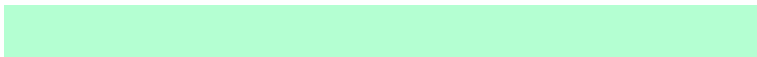
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.6250, 30.9520, -21.3040



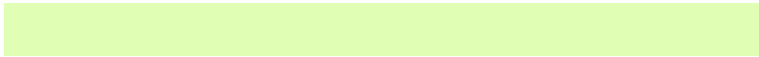
237.4800, 6.1950, -29.6850



227.4450, -30.2550, -29.8950

Triad

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



237.4800, 6.1950, -29.6850



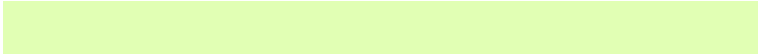
223.0070, -63.7720, -22.6840



230.5110, 15.2190, 16.0430

Complementary

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



237.4800, 6.1950, -29.6850



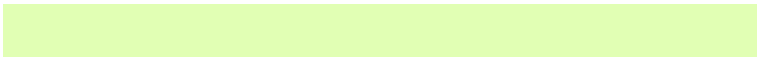
197.5200, -6.1950, 29.6850

Split Complementary

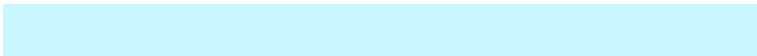
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0420, 9.3500, 17.7820



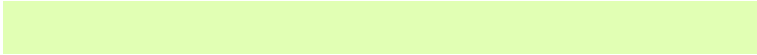
237.4800, 6.1950, -29.6850



233.8700, -29.1130, -6.5290

Square

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



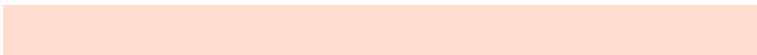
237.4800, 6.1950, -29.6850



214.9340, -79.8640, -28.4080



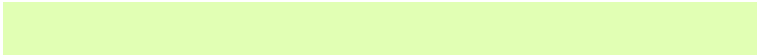
242.0860, 6.0500, 11.5060



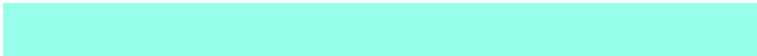
228.5270, 26.3170, 2.1330

Rectangle

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



237.4800, 6.1950, -29.6850



221.9230, -54.9680, -28.0560



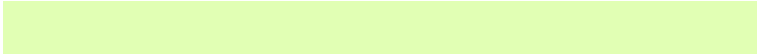
242.0860, 6.0500, 11.5060



232.5800, 10.7710, 19.5630

Sweetspot

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



237.4800, 6.1950, -29.6850



249.6870, 2.0190, -9.0610



220.0350, 36.4500, 0.2100



124.4960, 1.2390, -5.9370



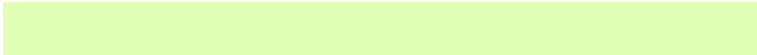
0.0000, 0.0000, 0.0000



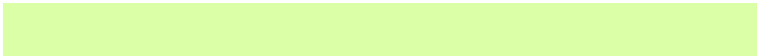
128.0000, -0.0000, -0.0000

Same Dimension

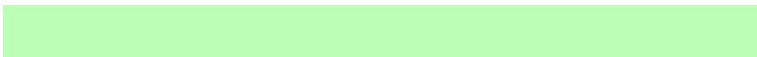
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.4800, 6.1950, -29.6850



234.0900, 7.1130, -35.3110



226.4170, -15.8570, -37.5290



124.7240, 0.5970, -5.3150



146.5020, 16.0150, -75.5130



48.9300, 5.0480, -25.4160

Inverse Universe

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



197.5200, -6.1950, 29.6850



186.6110, -7.7090, 35.0990



208.8820, 16.4530, 37.7410



117.9770, -1.1930, 5.1030



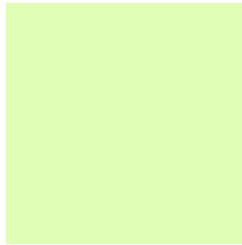
44.7970, -15.4190, 75.7250



15.0700, -5.0480, 25.4160

Previews

White Background



This preview shows how the YIQ color 237.4800, 6.1950, -29.6850 looks on a white background.

Color Contrast Check

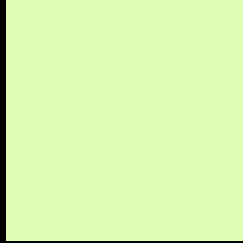
Large Text (above 18pt) WCAG AA × Fail

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 237.4800, 6.1950, -29.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

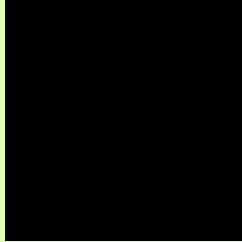
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

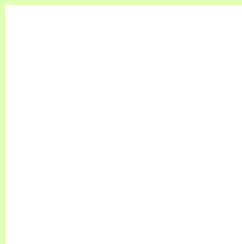
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.4800, 6.1950, -29.6850

Background



This preview shows how black text looks on a background with the YIQ color 237.4800, 6.1950, -29.6850.



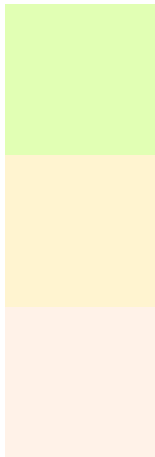
This preview shows how white text looks on a background with the YIQ color 237.4800, 6.1950, -29.6850.

-29.6850.

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

237.4800, 6.1950, -29.6850

Protanopia

243.1850, 18.1120, -8.8640

Deuteranopia

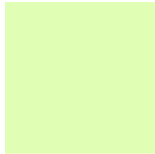
244.7470, 10.9580, -0.3540



Tritanopia

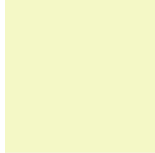
244.0580, -5.9150, 2.5730

Trichromacy



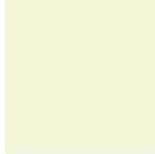
Original Color

237.4800, 6.1950, -29.6850



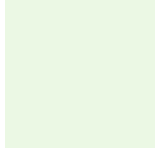
Protanomaly

241.1040, 13.6660, -16.3980



Deuteranomaly

242.2270, 9.1260, -11.2100



Tritanomaly

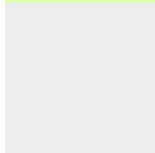
241.8330, -1.3280, -8.9760

Monochromacy



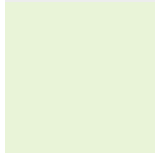
Original Color

237.4800, 6.1950, -29.6850



Achromatopsia

237.0000, -0.0000, -0.0000



Achromatomaly

237.5190, 2.4320, -11.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.4800, 6.1950, -29.6850 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(225, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 180)  
}
```

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(225, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 180) }
```

Border

The CSS property to change the border of an element to YIQ 237.4800, 6.1950, -29.6850 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(225, 255, 180) }
```


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

```
.border{ border-color:rgb(225, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 237.4800, 6.1950, -29.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 180) }
```

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

```
.background{ background-color: rgb(225,  
255, 180) }
```

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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