

Converting Colors

YIQ(228.9040, 15.9640,
-47.0440)

Have a look what the booklet for
YIQ(228.9040, 15.9640, -47.0440)
contains.

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Color

**YIQ(228.9040, 15.9640,
-47.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FF83
RGB	215, 255, 131
RGB Percent	84%, 100%, 51%
CMY	0.1570, 0.0000, 0.4861
CMYK	0.16, 0.00, 0.49, 0.00
HSL	79°, 100%, 76%
HSV	79°, 49%, 100%
XYZ	67.8709, 87.6002, 34.8185
YIQ	228.9040, 15.9640, -47.0440

Conversions

Conversions Part 2

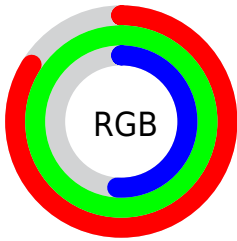
Format	Color
RYB	131, 255, 171
Decimal	14155651
CIELab	94.99, -31.51, 54.60
CIELCh	95, 63.038, 119.987
Yxy	87.6002, 0.3567, 0.4604
Android (android.graphics.Color)	4292345731 (0xFFD7FF83)
YUV	228.9040, -48.2667, -12.1938
Hunter-Lab	93.5950, -34.3510, 43.4599

Details

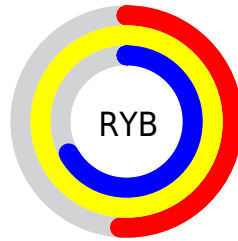
The YIQ color $228.9040, 15.9640, -47.0440$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $157.0960, -15.9640, 47.0440$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.1340, 22.1490, -21.4590$, and $172.3600, 14.6800, -45.8000$ is the 20% darker color. If you saturate the color by 10%, you get $223.6620, 19.2210, -56.5150$, and if you desaturate by 10%, it is $234.2600, 12.3860, -37.2620$.

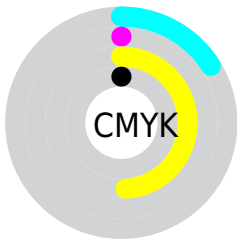
Distribution



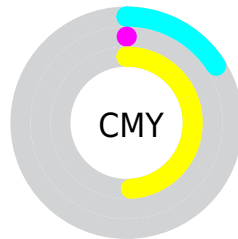
- Red (84%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.9040, 15.9640, -47.0440 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 228.9040, 15.9640, -47.0440 by changing the saturation by 10% instead.

228.9040, 15.9640,
-47.0440

228.9040, 15.9640,
-47.0440

255.0000, -0.0000,
-0.0000

200.1320, 15.3220,
-46.4220

247.1340, 22.1490,
-21.4590

172.3600, 14.6800,
-45.8000

250.4400, 12.8400,
-12.4400

145.0610, 14.0840,
-46.0120

253.7460, 3.5310,
-3.4210

117.6050, 15.3680,
-47.2560

91.9900, 12.8460,
-45.6020

69.5410, 4.2250,
-38.0390

46.7820, -6.4590,

-31.6350

■ 27.5890, -12.9250,
-24.5810

■ 15.2620, -7.1500,
-13.5980

■ 228.9040, 15.9640,
-47.0440

■ 228.9040, 15.9640,
-47.0440

■ 223.6620, 19.2210,
-56.5150

■ 234.2600, 12.3860,
-37.2620

■ 218.0070, 22.2030,
-66.5090

■ 239.5020, 9.1290,
-27.7910

■ 212.7650, 25.4600,
-75.9800

■ 245.1570, 6.1470,
-17.7970

■ 207.4090, 29.0380,
-85.7620

■ 250.3990, 2.8900,
-8.3260

■ 202.1670, 32.2950, 255.0000, -0.0000,
-95.2330 -0.0000

■ 201.4120, 32.9830,
-96.6890

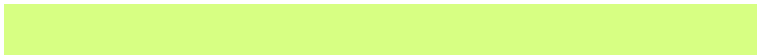
Harmonies

Analogous

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



228.4740, 49.8900, -34.1260



228.9040, 15.9640, -47.0440



211.1250, -44.6940, -49.0620

Triad

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



228.9040, 15.9640, -47.0440



178.7550, -151.9800, -54.0600



215.4770, 21.7270, 30.2630

Complementary

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



228.9040, 15.9640, -47.0440



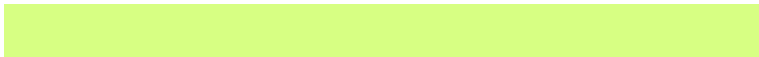
157.0960, -15.9640, 47.0440

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.



223.8890, 14.5750, 27.7190



228.9040, 15.9640, -47.0440



213.8260, -70.5120, -21.6800

Square

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



228.9040, 15.9640, -47.0440



178.7550, -151.9800, -54.0600



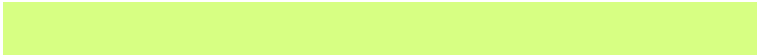
234.4000, 2.2900, 13.5700



212.1590, 39.3370, 8.4650

Rectangle

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



228.9040, 15.9640, -47.0440



189.6720, -109.3860, -55.0660



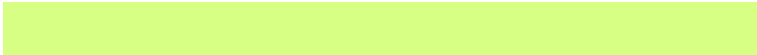
234.4000, 2.2900, 13.5700



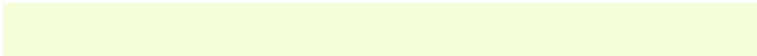
218.0190, 17.3250, 32.9490

Sweetspot

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



228.9040, 15.9640, -47.0440



247.0800, 5.0460, -14.3620



190.9690, 63.1790, 5.8910



122.9860, 2.6150, -8.8490



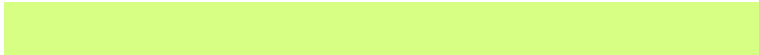
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



228.9040, 15.9640, -47.0440



223.7760, 18.9000, -56.2040



210.6650, -20.3920, -59.9760



125.0230, 1.1930, -5.1030



150.6880, 24.3590, -72.5450



50.4250, 8.0280, -24.3560

Inverse Universe

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



157.0960, -15.9640, 47.0440



138.2240, -18.9000, 56.2040



175.3350, 20.3920, 59.9760



117.6780, -1.7890, 4.8910



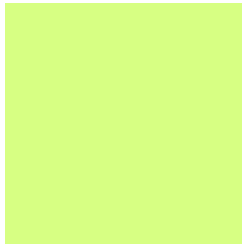
40.3120, -24.3590, 72.5450



13.5750, -8.0280, 24.3560

Previews

White Background



This preview shows how the YIQ color 228.9040, 15.9640, -47.0440 looks on a white background.

Color Contrast Check

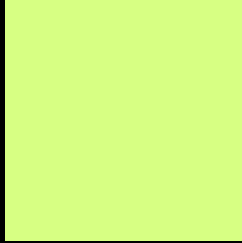
Large Text (above 18pt) WCAG AA × Fail

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 228.9040, 15.9640, -47.0440 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

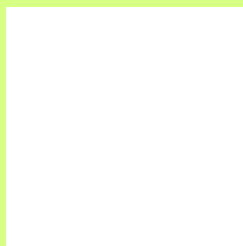
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.9040, 15.9640, -47.0440

Background



This preview shows how black text looks on a background with the YIQ color 228.9040, 15.9640, -47.0440.



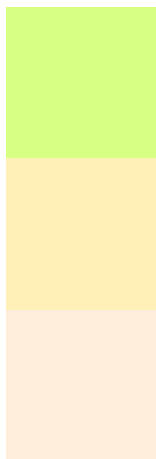
This preview shows how white text looks on a background with the YIQ color 228.9040, 15.9640, -47.0440.

-47.0440.

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

228.9040, 15.9640, -47.0440

Protanopia

237.9870, 27.2370, -14.5470

Deuteranopia

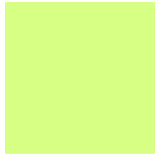
240.3300, 16.5060, -1.7820



Tritanopia

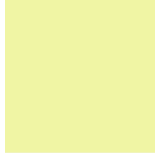
239.9160, -8.3910, 3.3930

Trichromacy



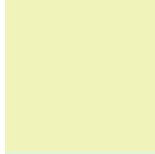
Original Color

228.9040, 15.9640, -47.0440



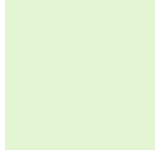
Protanomaly

234.2710, 23.0210, -26.2510



Deuteranomaly

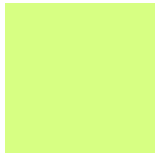
236.3060, 15.9130, -18.5750



Tritanomaly

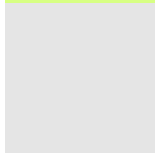
235.6280, 0.5070, -14.7010

Monochromacy



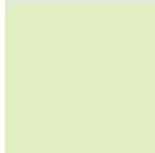
Original Color

228.9040, 15.9640, -47.0440



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.6840, 6.1010, -16.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9040, 15.9640, -47.0440 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(215, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 131)  
}
```

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(215, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 131) }
```

Border

The CSS property to change the border of an element to YIQ 228.9040, 15.9640, -47.0440 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(215, 255, 131) }
```


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

```
.border{ border-color:rgb(215, 255, 131) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 131);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9040, 15.9640, -47.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 131) }
```

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

```
.background{ background-color: rgb(215,  
255, 131) }
```

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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