

Converting Colors

YIQ(225.5550, 9.6370, -48.0190)

Have a look what the booklet for
YIQ(225.5550, 9.6370, -48.0190)
contains.

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Color

**YIQ(225.5550, 9.6370,
-48.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFE85
RGB	205, 254, 133
RGB Percent	80%, 100%, 52%
CMY	0.1963, 0.0038, 0.4783
CMYK	0.19, 0.00, 0.48, 0.00
HSL	84°, 98%, 76%
HSV	84°, 48%, 100%
XYZ	64.8475, 85.5631, 35.3000
YIQ	225.5550, 9.6370, -48.0190

Conversions

Conversions Part 2

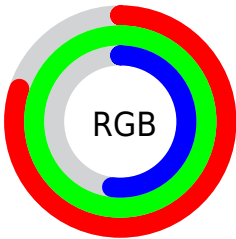
Format	Color
RYB	133, 254, 182
Decimal	13500037
CIELab	94.13, -34.51, 52.48
CIELCh	94, 62.805, 123.327
Yxy	85.5631, 0.3492, 0.4607
Android (android.graphics.Color)	4291690117 (0xFFCDFE85)
YUV	225.5550, -45.6296, -18.0267
Hunter-Lab	92.5003, -36.7377, 42.1239

Details

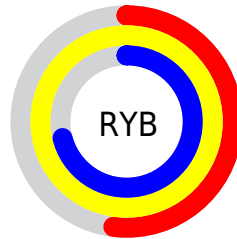
The YIQ color **225.5550, 9.6370, -48.0190** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **161.4450, -9.6370, 48.0190**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3620, 21.5070, -20.8370**, and **169.0110, 8.3530, -46.7750** is the 20% darker color. If you saturate the color by 10%, you get **219.7150, 11.7020, -57.9140**, and if you desaturate by 10%, it is **231.3950, 7.5720, -38.1240**.

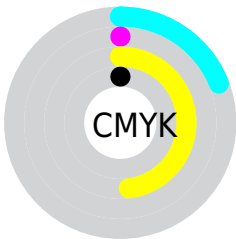
Distribution



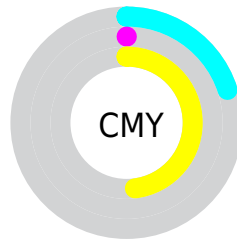
- Red (80%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.5550, 9.6370, -48.0190 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 225.5550, 9.6370, -48.0190 by changing the saturation by 10% instead.


 225.5550, 9.6370,
-48.0190


 225.5550, 9.6370,
-48.0190


255.0000, -0.0000,
-0.0000

 196.7830, 8.9950,
-47.3970


 247.3620, 21.5070,
-20.8370


 169.0110, 8.3530,
-46.7750


 250.6680, 12.1980,
-11.8180

 142.0110, 8.3530,
-46.7750

 253.9740, 2.8890,
-2.7990

 114.7830, 8.9950,
-47.3970

 88.7120, 7.7570,
-46.9870

 65.9640, -1.4600,
-39.6360

 41.7100, -15.1240,

-34.2920

■ 26.4150, -12.3750,
-23.5350

■ 13.5010, -6.3250,
-12.0290

■ 225.5550, 9.6370,
-48.0190

■ 225.5550, 9.6370,
-48.0190

■ 219.7150, 11.7020,
-57.9140

■ 231.3950, 7.5720,
-38.1240

■ 213.4620, 13.4920,
-68.3320

■ 237.6480, 5.7820,
-27.7060

■ 207.6220, 15.5570,
-78.2270

■ 243.4880, 3.7170,
-17.8110

■ 201.6680, 17.9430,
-88.4330

■ 249.4420, 1.3310,
-7.6050

■ 195.5290, 19.4120,
-98.5400

254.4130, 0.2750,
0.5230

■ 194.2470, 20.1460,
-100.8300

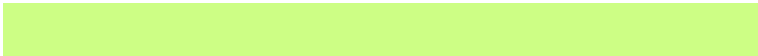
Harmonies

Analogous

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



228.2460, 50.5320, -34.7480



225.5550, 9.6370, -48.0190



207.6940, -53.7260, -50.5740

Triad

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



225.5550, 9.6370, -48.0190



178.7550, -151.9800, -54.0600



212.6900, 25.4410, 29.0330

Complementary

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



225.5550, 9.6370, -48.0190



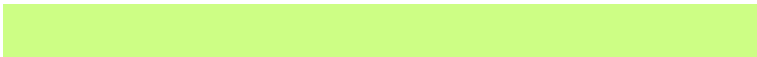
161.4450, -9.6370, 48.0190

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.



221.5410, 15.6750, 29.8110



225.5550, 9.6370, -48.0190



214.7780, -61.3890, -16.3090

Square

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



225.5550, 9.6370, -48.0190



178.7550, -151.9800, -54.0600



233.5580, 7.8370, 17.6690



210.6600, 42.1800, 6.5000

Rectangle

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



225.5550, 9.6370, -48.0190



174.9930, -141.3870, -64.3230



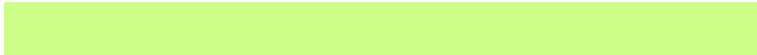
233.5580, 7.8370, 17.6690



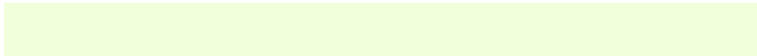
216.1440, 18.4710, 34.2070

Sweetspot

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



225.5550, 9.6370, -48.0190



246.7100, 3.2120, -14.1640



197.3550, 58.9160, 0.5480



122.8010, 1.6980, -8.7500



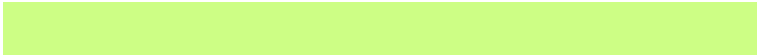
0.0000, 0.0000, 0.0000



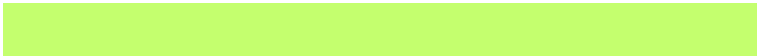
128.0000, -0.0000, -0.0000

Same Dimension

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



225.5550, 9.6370, -48.0190



220.8290, 11.3810, -57.6030



207.6150, -26.1230, -60.7390



124.7240, 0.5970, -5.3150



146.2030, 15.4190, -75.7250



48.9300, 5.0480, -25.4160

Inverse Universe

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



161.4450, -9.6370, 48.0190



144.1710, -11.3810, 57.6030



179.3850, 26.1230, 60.7390



117.9770, -1.1930, 5.1030



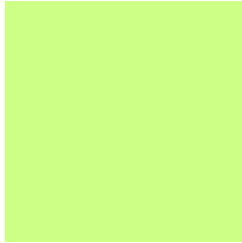
45.0960, -14.8230, 75.9370



15.0700, -5.0480, 25.4160

Previews

White Background



This preview shows how the YIQ color 225.5550, 9.6370, -48.0190 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 225.5550, 9.6370, -48.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

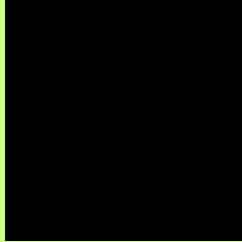
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.5550, 9.6370, -48.0190

Background



This preview shows how black text looks on a background with the YIQ color 225.5550, 9.6370, -48.0190.



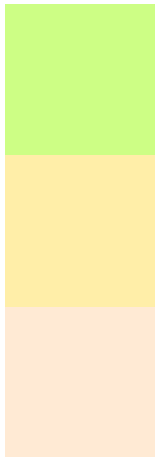
This preview shows how white text looks on a background with the YIQ color 225.5550, 9.6370,

-48.0190.

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

225.5550, 9.6370, -48.0190

Protanopia

235.1030, 32.6020, -18.1660

Deuteranopia

237.7710, 19.5780, -2.3900



Tritanopia

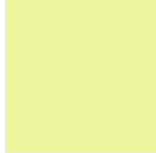
236.6380, -13.4800, 2.0080

Trichromacy



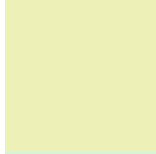
Original Color

225.5550, 9.6370, -48.0190



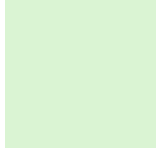
Protanomaly

231.7610, 24.3970, -29.1630



Deuteranomaly

233.1920, 16.2340, -18.8860



Tritanomaly

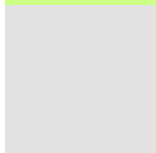
232.4640, -4.9030, -15.7750

Monochromacy



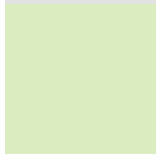
Original Color

225.5550, 9.6370, -48.0190



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

225.6020, 3.3960, -17.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.5550, 9.6370, -48.0190 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(205, 254, 133)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 133)  
}
```

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(205, 254, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 133) }
```

Border

The CSS property to change the border of an element to YIQ 225.5550, 9.6370, -48.0190 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(205, 254, 133) }
```


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

```
.border{ border-color:rgb(205, 254, 133) }
```

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

Here you see how a box with a 4 pixel rgb(205, 254, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 133);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 225.5550, 9.6370, -48.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 133) }
```

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

```
.background{ background-color: rgb(205,  
254, 133) }
```

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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