

Converting Colors

YIQ(221.9770, 22.8880,
-51.3840)

Have a look what the booklet for
YIQ(221.9770, 22.8880, -51.3840)
contains.

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Color

**YIQ(221.9770, 22.8880,
-51.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F96D
RGB	212, 249, 109
RGB Percent	83%, 98%, 43%
CMY	0.1688, 0.0234, 0.5723
CMYK	0.15, 0.00, 0.56, 0.02
HSL	76°, 92%, 70%
HSV	76°, 56%, 98%
XYZ	63.7819, 82.8564, 27.1136
YIQ	221.9770, 22.8880, -51.3840

Conversions

Conversions Part 2

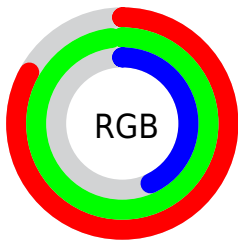
Format	Color
R _{YB}	109, 249, 146
Decimal	13957485
CIE Lab	92.95, -31.87, 62.02
CIE LCh	93, 69.731, 117.198
Yxy	82.8564, 0.3671, 0.4769
Android (android.graphics.Color)	4292147565 (0xFFD4F96D)
YUV	221.9770, -55.6977, -8.7498
Hunter-Lab	91.0255, -34.2189, 46.0573

Details

The YIQ color $221.9770, 22.8880, -51.3840$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $136.0230, -22.8880, 51.3840$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.6260, 29.2110, -28.3010$, and $165.0910, 22.5670, -51.0730$ is the 20% darker color. If you saturate the color by 10%, you get $217.0340, 26.7410, -60.6430$, and if you desaturate by 10%, it is $226.9200, 19.0350, -42.1250$.

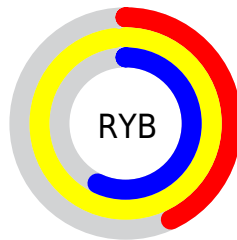
Distribution



Red (83%)

Green (98%)

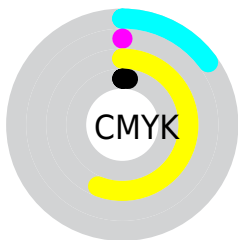
Blue (43%)



Red (43%)

Yellow (98%)

Blue (57%)

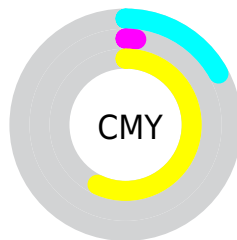


Cyan (15%)

Magenta (0%)

Yellow (56%)

Black (2%)



Cyan (17%)

Magenta (2%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9770, 22.8880, -51.3840 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 221.9770, 22.8880, -51.3840 by changing the saturation by 10% instead.

221.9770, 22.8880,
-51.3840

221.9770, 22.8880,
-51.3840

255.0000, -0.0000,
-0.0000

193.2050, 22.2460,
-50.7620

244.6260, 29.2110,
-28.3010

165.0910, 22.5670,
-51.0730

247.9320, 19.9020,
-19.2820

136.9940, 24.2180,
-53.4620

251.2380, 10.5930,
-10.2630

111.1940, 20.7790,
-51.7090

254.5440, 1.2840,
-1.2440

87.8590, 11.8370,
-43.8350

65.1110, 2.6200,
-36.4840

41.7430, -10.7230,

-31.4510

■ 24.6540, -11.5500,
-21.9660

■ 10.5660, -4.9500,
-9.4140

■ 221.9770, 22.8880,
-51.3840

■ 221.9770, 22.8880,
-51.3840

■ 217.0340, 26.7410,
-60.6430

■ 226.9200, 19.0350,
-42.1250

■ 212.3900, 31.1900,
-69.6900

■ 231.5640, 14.5860,
-33.0780

■ 207.4470, 35.0430,
-78.9490

■ 236.5070, 10.7330,
-23.8190

■ 202.8030, 39.4920,
-87.9960

■ 241.1510, 6.2840,
-14.7720

■ 200.8800, 40.5930,
-91.4310

■ 246.0940, 2.4310,
-5.5130

■ 250.5810, -0.1380,
2.5020

■ 251.4780, 1.6500,
3.1380

Harmonies

Analogous

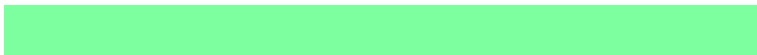
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.4980, 58.5100, -36.1620



221.9770, 22.8880, -51.3840



205.4850, -46.0680, -57.2040

Triad

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



221.9770, 22.8880, -51.3840



178.7550, -151.9800, -54.0600



207.9600, 24.9810, 37.3730

Complementary

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



221.9770, 22.8880, -51.3840



136.0230, -22.8880, 51.3840

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.



218.6060, 17.0500, 32.4260



221.9770, 22.8880, -51.3840



193.8260, -106.0430, -33.0430

Square

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



221.9770, 22.8880, -51.3840



178.7550, -151.9800, -54.0600



226.3820, -6.4670, 12.5810



203.2570, 45.1130, 13.9210

Rectangle

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



221.9770, 22.8880, -51.3840



172.8270, -135.2880, -70.2320



226.3820, -6.4670, 12.5810



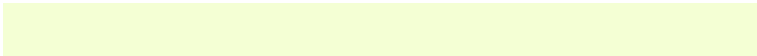
210.9750, 20.6250, 39.2250

Sweetspot

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



221.9770, 22.8880, -51.3840



246.8090, 7.2470, -15.7050



171.4050, 73.8150, 11.3750



122.9430, 4.1740, -9.5700



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.



221.9770, 22.8880, -51.3840



222.0510, 28.0710, -62.7210



201.6450, -17.6400, -65.8000



122.6210, 2.3850, -4.6790



152.5040, 30.8690, -69.3790



49.2620, 10.0450, -22.3630

Inverse Universe

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



136.0230, -22.8880, 51.3840



116.9490, -28.0710, 62.7210



156.3550, 17.6400, 65.8000



114.6780, -1.7890, 4.8910



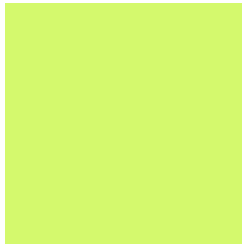
36.4960, -30.8690, 69.3790



11.7380, -10.0450, 22.3630

Previews

White Background



This preview shows how the YIQ color 221.9770, 22.8880, -51.3840 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 221.9770, 22.8880, -51.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

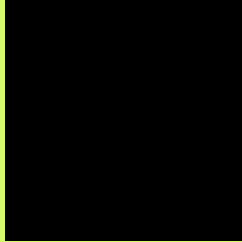
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.9770, 22.8880, -51.3840

Background



This preview shows how black text looks on a background with the YIQ color 221.9770, 22.8880, -51.3840.



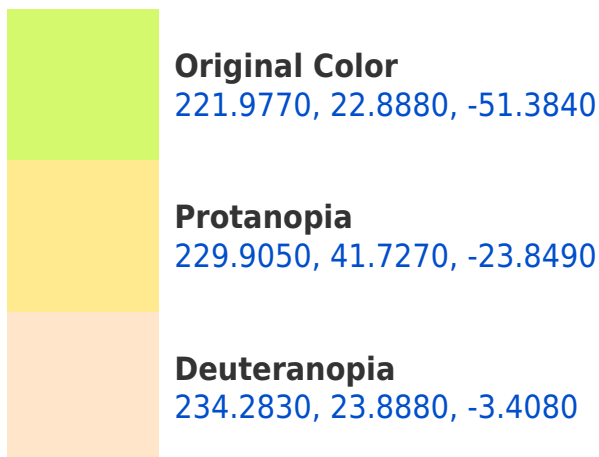
This preview shows how white text looks on a background with the YIQ color 221.9770, 22.8880, -51.3840.

-51.3840.

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

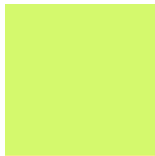




Tritanopia

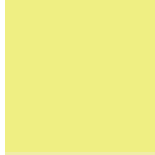
234.5570, -8.7580, 4.5380

Trichromacy



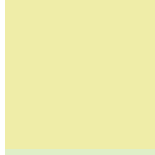
Original Color

221.9770, 22.8880, -51.3840



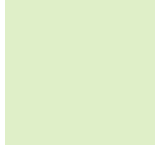
Protanomaly

226.6880, 34.6680, -33.5880



Deuteranomaly

229.7320, 23.3410, -21.0350



Tritanomaly

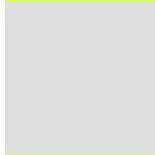
229.7700, 2.9830, -15.5210

Monochromacy



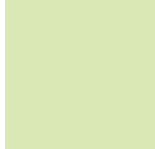
Original Color

221.9770, 22.8880, -51.3840



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.0000, 8.0270, -18.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9770, 22.8880, -51.3840 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(212, 249, 109)` looks like.

```
.text, #text, p{  
    color:rgb(212, 249, 109)  
}
```

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(212, 249, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 249, 109) }
```

Border

The CSS property to change the border of an element to YIQ 221.9770, 22.8880, -51.3840 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(212, 249, 109) }
```


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

```
.border{ border-color:rgb(212, 249, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 249, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 249, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 249, 109);  
box-shadow:4px 4px 4px 4px rgb(212, 249,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9770, 22.8880, -51.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 249, 109) }
```

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

```
.background{ background-color: rgb(212,  
249, 109) }
```

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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