

Converting Colors

YIQ(210.8420, 10.5070,
-41.7570)

Have a look what the booklet for
YIQ(210.8420, 10.5070, -41.7570)
contains.

YIQ(210.8420, 10.5070, -41.7570)	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(210.8420, 10.5070,
-41.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EB80
RGB	195, 235, 128
RGB Percent	76%, 92%, 50%
CMY	0.2355, 0.0783, 0.4979
CMYK	0.17, 0.00, 0.46, 0.08
HSL	82°, 73%, 71%
HSV	82°, 46%, 92%
XYZ	56.1065, 72.5821, 31.4857
YIQ	210.8420, 10.5070, -41.7570

Conversions

Conversions Part 2

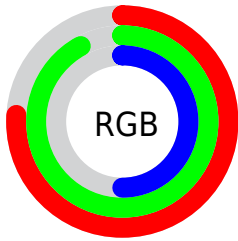
Format	Color
RYB	128, 235, 168
Decimal	12839808
CIELab	88.25, -29.91, 47.48
CIELCh	88, 56.119, 122.210
Yxy	72.5821, 0.3503, 0.4531
Android (android.graphics.Color)	4291029888 (0xFFC3EB80)
YUV	210.8420, -40.8411, -13.8934
Hunter-Lab	85.1951, -31.5377, 37.7247

Details

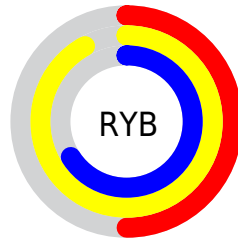
The YIQ color **210.8420, 10.5070, -41.7570** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **152.1580, -10.5070, 41.7570**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1940, 21.9200, -22.8160**, and **155.2980, 9.2230, -40.5130** is the 20% darker color. If you saturate the color by 10%, you get **205.5290, 12.5260, -50.8180**, and if you desaturate by 10%, it is **216.2690, 8.1670, -32.3850**.

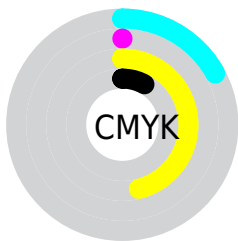
Distribution



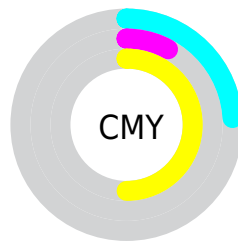
- Red (76%)
- Green (92%)
- Blue (50%)



- Red (50%)
- Yellow (92%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.8420, 10.5070, -41.7570 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 210.8420, 10.5070, -41.7570 by changing the saturation by 10% instead.

210.8420, 10.5070,
-41.7570

210.8420, 10.5070,
-41.7570

255.0000, -0.0000,
-0.0000

183.0700, 9.8650,
-41.1350

246.1940, 21.9200,
-22.8160

155.2980, 9.2230,
-40.5130

249.9840, 14.1240,
-13.6840

128.4120, 8.9020,
-40.2020

253.2900, 4.8150,
-4.6650

102.1840, 9.5440,
-40.8240

77.2270, 7.9850,
-40.1030

55.6640, -0.3150,
-32.8510

32.2960, -13.6580,

-27.8180

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 210.8420, 10.5070,
-41.7570

■ 210.8420, 10.5070,
-41.7570

■ 205.5290, 12.5260,
-50.8180

■ 216.2690, 8.1670,
-32.3850

■ 200.1020, 14.8660,
-60.1900


■ 221.5820, 6.1480,
-23.3240

■ 195.0880, 17.4810,
-69.0390


■ 226.7100, 3.2120,
-14.1640


■ 189.6610, 19.8210,
-78.4110

■ 232.0230, 1.1930,
-5.1030

 184.3480, 21.8400,
-87.4720

 237.4500, -1.1470,
4.2690

 181.8980, 22.9870,
-91.7410

 241.1670, 1.3280,
8.9760

 243.2600, 5.5000,
10.4600

Harmonies

Analogous

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



216.6580, 52.5480, -27.2280



210.8420, 10.5070, -41.7570



201.1680, -46.2530, -48.3410

Triad

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



210.8420, 10.5070, -41.7570



169.9500, -147.8550, -46.2150



205.2240, 32.6850, 29.9090

Complementary

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



210.8420, 10.5070, -41.7570



152.1580, -10.5070, 41.7570

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.



215.0840, 18.7000, 35.5640



210.8420, 10.5070, -41.7570



203.5920, -60.5650, -9.2130

Square

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



210.8420, 10.5070, -41.7570



174.6460, -150.0550, -50.3990



219.0610, -0.8290, 20.5390



203.2910, 47.7730, 9.7650

Rectangle

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



210.8420, 10.5070, -41.7570



186.2880, -99.4370, -53.6530



219.0610, -0.8290, 20.5390



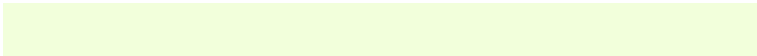
208.4500, 26.3570, 34.4610

Sweetspot

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



210.8420, 10.5070, -41.7570



247.0090, 3.8080, -13.9520



182.8860, 53.0470, 2.2870



122.8010, 1.6980, -8.7500



0.0000, 0.0000, 0.0000



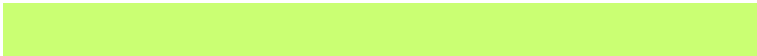
128.0000, -0.0000, -0.0000

Same Dimension

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



210.8420, 10.5070, -41.7570



223.1930, 13.3520, -54.7760



194.9950, -21.0810, -52.9930



114.5500, 1.1470, -4.2690



140.0340, 17.5730, -70.7070



41.5650, 4.8180, -21.2460

Inverse Universe

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



152.1580, -10.5070, 41.7570



146.5080, -13.9480, 54.5640



168.0050, 21.0810, 52.9930



108.4500, -1.1470, 4.2690



40.9660, -17.5730, 70.7070



12.1360, -5.4140, 21.0340

Previews

White Background



This preview shows how the YIQ color 210.8420, 10.5070, -41.7570 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 210.8420, 10.5070, -41.7570 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

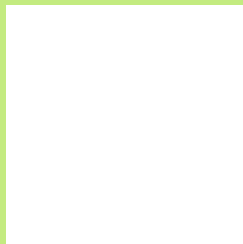
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.8420, 10.5070, -41.7570

Background



This preview shows how black text looks on a background with the YIQ color 210.8420, 10.5070, -41.7570.



This preview shows how white text looks on a background with the YIQ color 210.8420, 10.5070, -41.7570.

-41.7570.

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

210.8420, 10.5070, -41.7570

Protanopia

216.4060, 44.5700, -25.8140

Deuteranopia

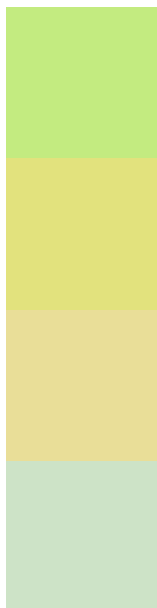
220.6730, 40.1650, -6.5470



Tritanopia

220.4640, -12.9300, 3.0540

Trichromacy



Original Color

210.8420, 10.5070, -41.7570

Protanomaly

214.4860, 32.4210, -31.4110

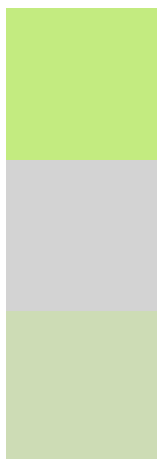
Deuteranomaly

217.3090, 29.0260, -19.4380

Tritanomaly

217.2300, -4.1240, -13.3720

Monochromacy



Original Color

210.8420, 10.5070, -41.7570

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0690, 3.5790, -15.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.8420, 10.5070, -41.7570 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(195, 235, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 128)  
}
```

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(195, 235, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 128) }
```

Border

The CSS property to change the border of an element to YIQ 210.8420, 10.5070, -41.7570 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(195, 235, 128) }
```


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

```
.border{ border-color:rgb(195, 235, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 235, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 235, 128); box-shadow:4px 4px 4px 4px rgb(195, 235, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 210.8420, 10.5070, -41.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 128) }
```

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

```
.background{ background-color: rgb(195,  
235, 128) }
```

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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