

Converting Colors

YIQ(213.9420, -30.7570,
-42.8290)

Have a look what the booklet for
YIQ(213.9420, -30.7570, -42.8290)
contains.

YIQ(213.9420, -30.7570, -42.8290)	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(213.9420, -30.7570,
-42.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFAAF
RGB	158, 250, 175
RGB Percent	62%, 98%, 69%
CMY	0.3807, 0.0194, 0.3138
CMYK	0.37, 0.00, 0.30, 0.02
HSL	131°, 90%, 80%
HSV	131°, 37%, 98%
XYZ	56.0211, 78.7519, 52.7971
YIQ	213.9420, -30.7570, -42.8290

Conversions

Conversions Part 2

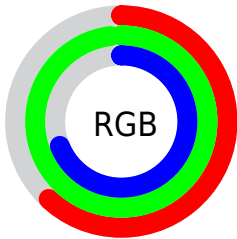
Format	Color
RYB	158, 236, 250
Decimal	10418863
CIELab	91.12, -42.51, 27.57
CIElCh	91, 50.669, 147.039
Yxy	78.7519, 0.2987, 0.4199
Android (android.graphics.Color)	4288608943 (0xFF9EFAAF)
YUV	213.9420, -19.1984, -49.0611
Hunter-Lab	88.7422, -42.6158, 26.8451

Details

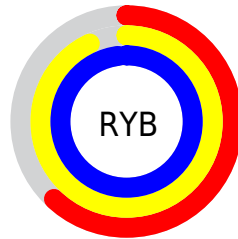
The YIQ color **213.9420, -30.7570, -42.8290** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **194.0580, 30.7570, 42.8290**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3040, -16.1360, -15.9440**, and **157.6970, -31.4450, -41.3730** is the 20% darker color. If you saturate the color by 10%, you get **204.1870, -39.2370, -54.3490**, and if you desaturate by 10%, it is **223.6970, -22.2770, -31.3090**.

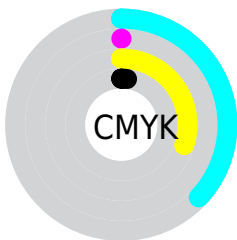
Distribution



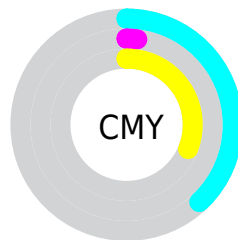
- Red (62%)
- Green (98%)
- Blue (69%)



- Red (62%)
- Yellow (93%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9420, -30.7570, -42.8290 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 213.9420, -30.7570, -42.8290 by changing the saturation by 10% instead.

■ 213.9420,
-30.7570, -42.8290

■ 213.9420,
-30.7570, -42.8290

■ 255.0000, -0.0000,
-0.0000

■ 185.4690,
-30.8030, -41.9950

■ 240.3040,
-16.1360, -15.9440

■ 157.6970,
-31.4450, -41.3730

■ 252.0100, -5.9600,
-2.1200

■ 130.0390,
-32.4080, -40.4400

■ 103.2560,
-34.5170, -40.7650

■ 72.5150, -45.6120,
-43.4360

■ 54.0330, -32.2710,
-37.4150

■ 37.2090, -17.9670,

-32.3270

■ 24.6540, -11.5500,
-21.9660

■ 4.6960, -2.2000,
-4.1840

■ 213.9420,
-30.7570, -42.8290

■ 213.9420,
-30.7570, -42.8290

■ 204.1870,
-39.2370, -54.3490

■ 223.6970,
-22.2770, -31.3090

■ 194.3180,
-47.3960, -66.1800

■ 233.5660,
-14.1180, -19.4780

■ 184.5630,
-55.8760, -77.7000

■ 243.3210, -5.6380,
-7.9580

■ 174.6940,
-64.0350, -89.5310

■ 252.0650, 1.3750,
2.6150

■ 164.9390,
-72.5150, -101.0510

■ 155.1840,
-80.9950, -112.5710

■ 151.9940,
-83.5160, -116.4440

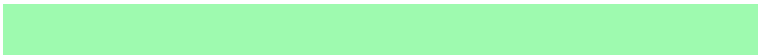
Harmonies

Analogous

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



221.5380, 17.4750, -35.8770



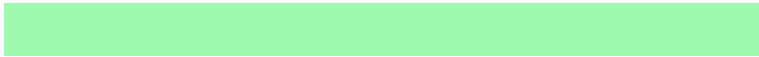
213.9420, -30.7570, -42.8290



200.8210, -90.4520, -45.7800

Triad

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



213.9420, -30.7570, -42.8290



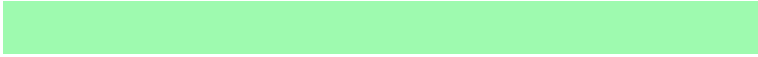
211.5550, -59.1430, -12.9590



211.5550, 38.2820, 11.0660

Complementary

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



213.9420, -30.7570, -42.8290



194.0580, 30.7570, 42.8290

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.



215.2660, 23.6990, 27.5630



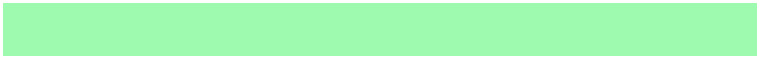
213.9420, -30.7570, -42.8290



225.7950, -6.1920, 13.1040

Square

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



213.9420, -30.7570, -42.8290



182.4200, -134.5590, -44.8870



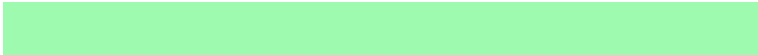
223.3020, 14.8500, 28.2420



215.3270, 46.9510, -8.3850

Rectangle

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



213.9420, -30.7570, -42.8290



178.7550, -151.9800, -54.0600



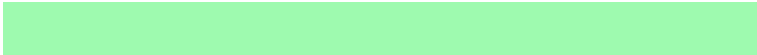
223.3020, 14.8500, 28.2420



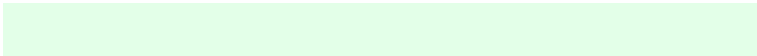
212.0910, 34.0170, 16.7770

Sweetspot

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



213.9420, -30.7570, -42.8290



244.0060, -9.3050, -13.0890



234.4290, 19.4000, -32.2160



121.3210, -5.6380, -7.9580



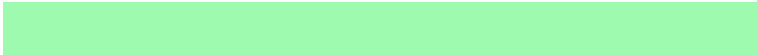
0.0000, 0.0000, 0.0000



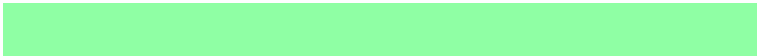
128.0000, -0.0000, -0.0000

Same Dimension

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



213.9420, -30.7570, -42.8290



211.1380, -37.5410, -52.0450



219.1860, -45.5230, -28.5230



119.9730, -4.5380, -5.8660



114.9330, -63.2100, -87.9620



37.0610, -20.3060, -28.4820

Inverse Universe

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



194.0580, 30.7570, 42.8290



186.8620, 37.5410, 52.0450



188.8140, 45.5230, 28.5230



117.1410, 4.2170, 6.1770



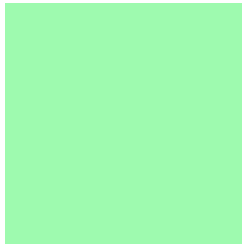
74.0670, 63.2100, 87.9620



23.9390, 20.3060, 28.4820

Previews

White Background



This preview shows how the YIQ color 213.9420, -30.7570, -42.8290 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 213.9420, -30.7570, -42.8290 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

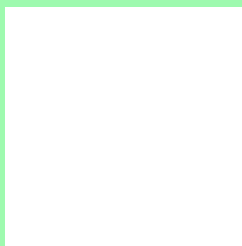
Any Text WCAG AAA ✓ Pass

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

YIQ 213.9420, -30.7570, -42.8290 Background



This preview shows how black text looks on a background with the YIQ color 213.9420, -30.7570, -42.8290.



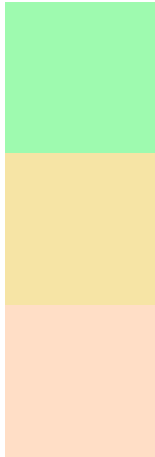
This preview shows how white text looks on a background with the YIQ color 213.9420, -30.7570, -42.8290.

-42.8290.

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

213.9420, -30.7570, -42.8290

Protanopia

226.2000, 30.9510, -15.7770

Deuteranopia

229.1310, 27.3720, -0.4680



Tritanopia

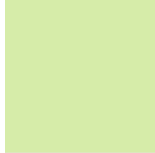
223.4930, -38.2370, -6.3730

Trichromacy



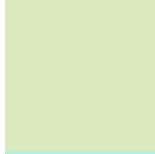
Original Color

213.9420, -30.7570, -42.8290



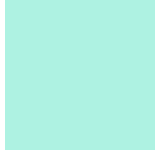
Protanomaly

221.7840, 8.3950, -25.5010



Deuteranomaly

223.6240, 6.3300, -15.6060



Tritanomaly

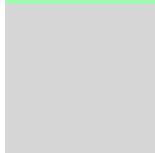
219.8440, -35.3920, -19.3920

Monochromacy



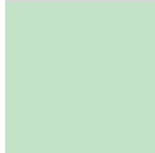
Original Color

213.9420, -30.7570, -42.8290



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.0550, -11.0010, -15.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9420, -30.7570, -42.8290 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(158, 250, 175)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 175)  
}
```

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(158, 250, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 175) }
```

Border

The CSS property to change the border of an element to YIQ 213.9420, -30.7570, -42.8290 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(158, 250, 175) }
```


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

```
.border{ border-color:rgb(158, 250, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 250, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 175);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9420, -30.7570, -42.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 250, 175) }
```

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

```
.background{ background-color: rgb(158,  
250, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor