

Converting Colors

YIQ(220.8400, -21.5420,
-39.1260)

Have a look what the booklet for
YIQ(220.8400, -21.5420, -39.1260)
contains.

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Color

**YIQ(220.8400, -21.5420,
-39.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FCB2
RGB	176, 252, 178
RGB Percent	69%, 99%, 70%
CMY	0.3100, 0.0116, 0.3020
CMYK	0.30, 0.00, 0.29, 0.01
HSL	122°, 93%, 84%
HSV	122°, 30%, 99%
XYZ	60.7470, 82.0782, 54.7567
YIQ	220.8400, -21.5420, -39.1260

Conversions

Conversions Part 2

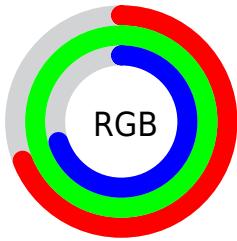
Format	Color
RYB	176, 250, 252
Decimal	11599026
CIELab	92.61, -37.45, 28.21
CIELCh	93, 46.890, 143.011
Yxy	82.0782, 0.3075, 0.4154
Android (android.graphics.Color)	4289789106 (0xFFB0FCB2)
YUV	220.8400, -21.1201, -39.3247
Hunter-Lab	90.5970, -38.8572, 27.5831

Details

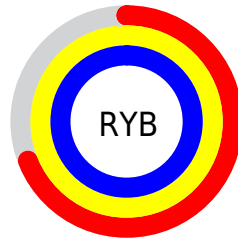
The YIQ color **220.8400, -21.5420, -39.1260** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **207.1600, 21.5420, 39.1260**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0280, -6.3710, -11.1950**, and **164.8940, -21.6340, -37.4580** is the 20% darker color. If you saturate the color by 10%, you get **210.5150, -28.4170, -52.2010**, and if you desaturate by 10%, it is **231.1650, -14.6670, -26.0510**.

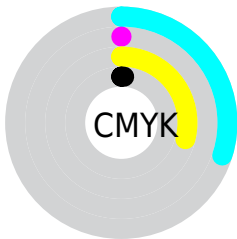
Distribution



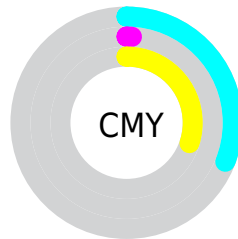
- Red (69%)
- Green (99%)
- Blue (70%)



- Red (69%)
- Yellow (98%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)



- Cyan (31%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8400, -21.5420, -39.1260 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 220.8400, -21.5420, -39.1260 by changing the saturation by 10% instead.

■ 220.8400,
-21.5420, -39.1260

■ 220.8400,
-21.5420, -39.1260

255.0000, -0.0000,
-0.0000

■ 192.3670,
-21.5880, -38.2920

■ 246.0280, -6.3710,
-11.1950

■ 164.8940,
-21.6340, -37.4580

■ 138.0080,
-21.9550, -37.1470

■ 111.3500,
-22.9180, -36.2140

■ 85.2790, -24.1560,
-35.8040

■ 56.9190, -31.9500,
-37.7260

■ 39.1980, -19.4340,

-33.2740

■ 25.2410, -11.8250,
-22.4890

■ 9.9790, -4.6750,
-8.8910

■ 220.8400,
-21.5420, -39.1260

■ 220.8400,
-21.5420, -39.1260

■ 210.5150,
-28.4170, -52.2010

■ 231.1650,
-14.6670, -26.0510

■ 200.3040,
-35.6130, -64.9650

■ 241.3760, -7.4710,
-13.2870

■ 189.6800,
-43.0840, -78.2520

■ 252.0000, 0.0000,
0.0000

■ 179.4690,
-50.2800, -91.0160

■ 253.2390, 0.8250,
1.5690

■ 169.1440,
-57.1550, -104.0910

■ 158.9330,
-64.3510, -116.8550

■ 148.7220,
-71.5470, -129.6190

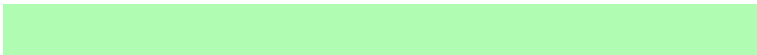
Harmonies

Analogous

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



227.2120, 21.5090, -31.8910



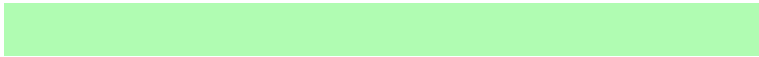
220.8400, -21.5420, -39.1260



209.8620, -71.3340, -39.8300

Triad

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



220.8400, -21.5420, -39.1260



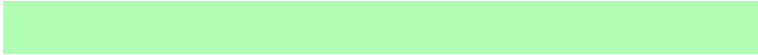
215.6860, -58.1340, -14.7260



217.1460, 32.1840, 11.4480

Complementary

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



220.8400, -21.5420, -39.1260



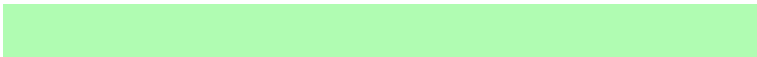
207.1600, 21.5420, 39.1260

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.



221.6890, 18.0140, 25.9660



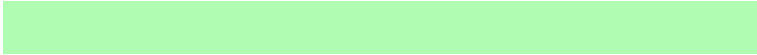
220.8400, -21.5420, -39.1260



228.7080, -10.5010, 8.5950

Square

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



220.8400, -21.5420, -39.1260



198.8210, -107.6470, -37.0150



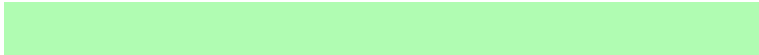
228.5850, 12.3750, 23.5350



219.2710, 41.3570, -6.1230

Rectangle

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



220.8400, -21.5420, -39.1260



200.9520, -106.6380, -38.7820



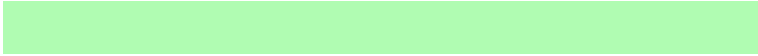
228.5850, 12.3750, 23.5350



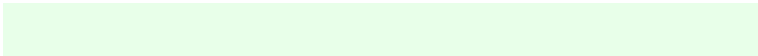
217.6820, 27.9190, 17.1590

Sweetspot

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



220.8400, -21.5420, -39.1260



245.6150, -6.6460, -11.7180



243.0370, 23.8000, -23.8480



121.9190, -4.4460, -7.5340



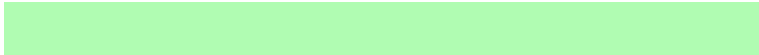
0.0000, 0.0000, 0.0000



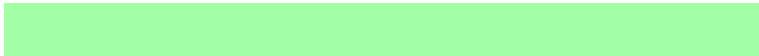
128.0000, -0.0000, -0.0000

Same Dimension

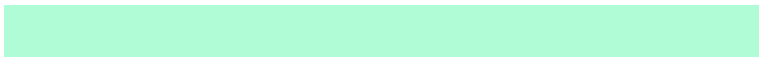
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.8400, -21.5420, -39.1260



217.3460, -26.2630, -47.1830



225.0580, -33.4190, -27.6190



119.7450, -3.8960, -6.4880



111.5130, -53.5800, -97.2920



36.0350, -17.4170, -31.2810

Inverse Universe

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



207.1600, 21.5420, 39.1260



200.7680, 25.9420, 47.4940



202.9420, 33.4190, 27.6190



117.3690, 3.5750, 6.7990



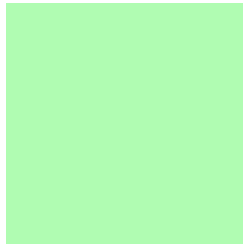
77.4870, 53.5800, 97.2920



25.0790, 17.0960, 31.5920

Previews

White Background



This preview shows how the YIQ color 220.8400, -21.5420, -39.1260 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 220.8400, -21.5420, -39.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

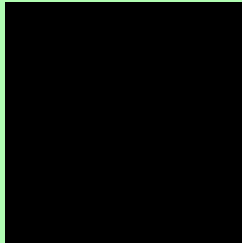
Any Text WCAG AA ✓ Pass

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 220.8400, -21.5420, -39.1260 Background



This preview shows how black text looks on a background with the YIQ color 220.8400, -21.5420, -39.1260.



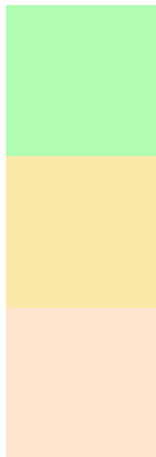
This preview shows how white text looks on a background with the YIQ color 220.8400, -21.5420, -39.1260.

-39.1260.

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

220.8400, -21.5420, -39.1260

Protanopia

230.7870, 30.6760, -16.3000

Deuteranopia

233.7930, 22.5120, -0.4960



Tritanopia

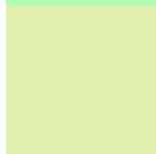
230.0490, -28.0590, -3.6030

Trichromacy



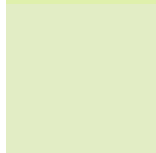
Original Color

220.8400, -21.5420, -39.1260



Protanomaly

227.1650, 11.6960, -24.7520



Deuteranomaly

229.1510, 6.2840, -14.7720



Tritanomaly

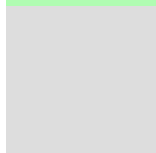
226.5140, -25.5350, -16.3110

Monochromacy



Original Color

220.8400, -21.5420, -39.1260



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.8490, -7.4250, -14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8400, -21.5420, -39.1260 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(176, 252, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 252, 178)  
}
```

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(176, 252, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 252, 178) }
```

Border

The CSS property to change the border of an element to YIQ 220.8400, -21.5420, -39.1260 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(176, 252, 178) }
```


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

```
.border{ border-color:rgb(176, 252, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 252, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 252, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 252, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 252,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8400, -21.5420, -39.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 252, 178) }
```

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

```
.background{ background-color: rgb(176,  
252, 178) }
```

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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