

Converting Colors

YIQ(219.9280, -36.1690,
-32.8490)

Have a look what the booklet for
YIQ(219.9280, -36.1690, -32.8490)
contains.

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Color

**YIQ(219.9280, -36.1690,
-32.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FBCC
RGB	165, 251, 204
RGB Percent	65%, 98%, 80%
CMY	0.3532, 0.0155, 0.2001
CMYK	0.34, 0.00, 0.19, 0.02
HSL	147°, 92%, 82%
HSV	147°, 34%, 98%
XYZ	60.9089, 81.3681, 69.6049
YIQ	219.9280, -36.1690, -32.8490

Conversions

Conversions Part 2

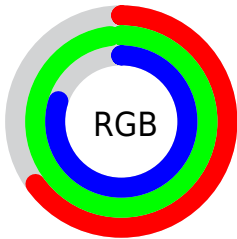
Format	Color
RYB	165, 224, 251
Decimal	10877900
CIELab	92.30, -35.72, 14.43
CIElCh	92, 38.521, 158.005
Yxy	81.3681, 0.2875, 0.3840
Android (android.graphics.Color)	4289067980 (0xFFA5FBCC)
YUV	219.9280, -7.8525, -48.1719
Hunter-Lab	90.2043, -37.3285, 17.3927

Details

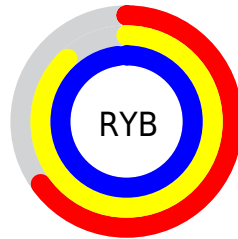
The YIQ color **219.9280, -36.1690, -32.8490** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **196.0720, 36.1690, 32.8490**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, -19.6680, -6.9960**, and **163.8680, -35.9400, -31.4920** is the 20% darker color. If you saturate the color by 10%, you get **210.8570, -46.5750, -42.5030**, and if you desaturate by 10%, it is **228.9990, -25.7630, -23.1950**.

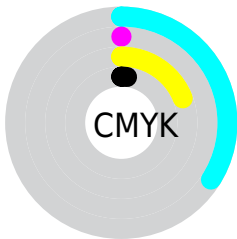
Distribution



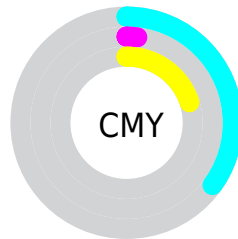
- Red (65%)
- Green (98%)
- Blue (80%)



- Red (65%)
- Yellow (88%)
- Blue (98%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (35%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.9280, -36.1690, -32.8490 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 219.9280, -36.1690, -32.8490 by changing the saturation by 10% instead.


 219.9280,
-36.1690, -32.8490

 219.9280,
-36.1690, -32.8490


255.0000, -0.0000,
-0.0000


 191.3410,
-35.8940, -32.3260


 245.1330,
-19.6680, -6.9960


 163.8680,
-35.9400, -31.4920

 253.8040, -2.3840,
-0.8480

 136.9820,
-36.2610, -31.1810

 109.9110,
-37.4990, -30.7710

 82.3450, -41.7170,
-31.4210

 58.1710, -41.1670,
-30.3750

 41.6890, -27.8260,

-24.3540

■ 25.5660, -14.1180,
-19.4780

■ 8.8050, -4.1250,
-7.8450

■ 219.9280,
-36.1690, -32.8490

■ 219.9280,
-36.1690, -32.8490

■ 210.8570,
-46.5750, -42.5030

■ 228.9990,
-25.7630, -23.1950

■ 201.9000,
-57.3020, -51.8460

■ 237.9560,
-15.0360, -13.8520

■ 192.8290,
-67.7080, -61.5000

■ 247.0270, -4.6300,
-4.1980

■ 183.7580,
-78.1140, -71.1540

■ 252.6520, 1.1000,
2.0920

■ 174.3880,
-89.1160, -81.0200

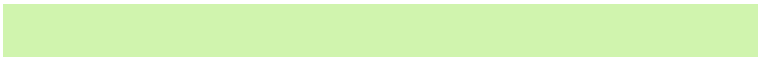
■ 165.4310,
-99.8430, -90.3630

■ 160.3330,
-105.6190, -95.8190

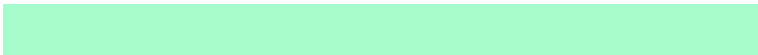
Harmonies

Analogous

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



225.2560, 1.0140, -29.4020



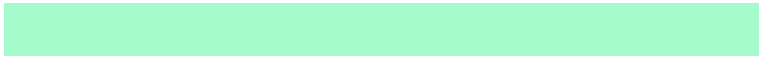
219.9280, -36.1690, -32.8490



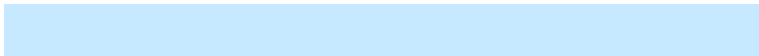
213.7730, -72.1610, -30.3450

Triad

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



219.9280, -36.1690, -32.8490



225.3420, -27.3260, -0.3660



221.0610, 33.5610, 3.0090

Complementary

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



219.9280, -36.1690, -32.8490



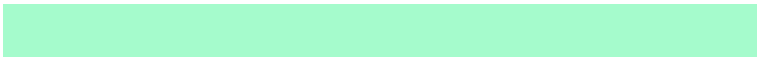
196.0720, 36.1690, 32.8490

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.



222.1160, 23.7010, 16.5090



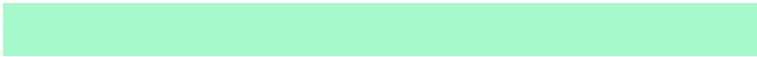
219.9280, -36.1690, -32.8490



233.2590, 7.2410, 17.4570

Square

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



219.9280, -36.1690, -32.8490



215.6530, -62.5350, -17.5670



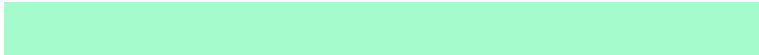
227.9980, 12.6500, 24.0580



224.7820, 38.2400, -10.2080

Rectangle

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



219.9280, -36.1690, -32.8490



210.7810, -83.8070, -28.5350



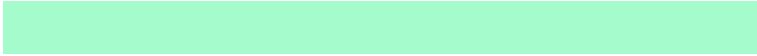
227.9980, 12.6500, 24.0580



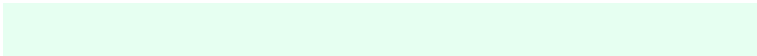
221.1410, 30.5800, 7.4760

Sweetspot

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



219.9280, -36.1690, -32.8490



245.9290, -10.4060, -9.6540



229.5350, 4.3620, -35.0140



122.1900, -6.6470, -6.1910



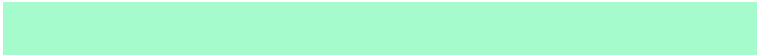
0.0000, 0.0000, 0.0000



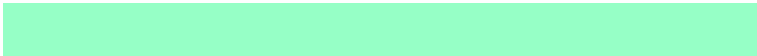
128.0000, -0.0000, -0.0000

Same Dimension

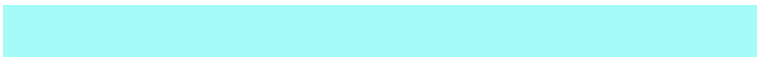
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9280, -36.1690, -32.8490



217.1070, -44.2830, -39.9870



224.8300, -49.9720, -19.4760



120.3150, -5.5010, -4.9330



120.7470, -79.5810, -72.1010



38.9990, -25.7630, -23.1950

Inverse Universe

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



196.0720, 36.1690, 32.8490



188.0070, 43.9620, 40.2980



191.1700, 49.9720, 19.4760



116.6850, 5.5010, 4.9330



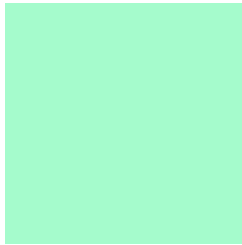
68.2530, 79.5810, 72.1010



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 219.9280, -36.1690, -32.8490 looks on a white background.

Color Contrast Check

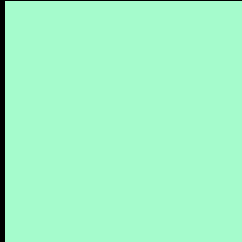
Large Text (above 18pt) WCAG AA × Fail

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 219.9280, -36.1690, -32.8490 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

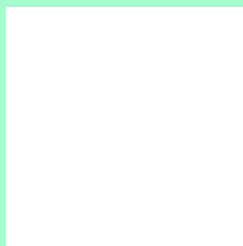
Any Text WCAG AAA ✓ Pass

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

YIQ 219.9280, -36.1690, -32.8490 Background



This preview shows how black text looks on a background with the YIQ color 219.9280, -36.1690, -32.8490.



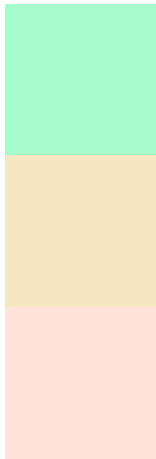
This preview shows how white text looks on a background with the YIQ color 219.9280, -36.1690, -32.8490.

-32.8490.

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

219.9280, -36.1690, -32.8490

Protanopia

230.6690, 19.6250, -8.7510

Deuteranopia

233.5310, 20.4940, 3.0380



Tritanopia

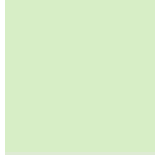
227.6570, -32.8270, -5.2990

Trichromacy



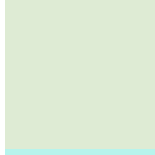
Original Color

219.9280, -36.1690, -32.8490



Protanomaly

226.5630, -0.8680, -17.3160



Deuteranomaly

228.4910, -0.3650, -9.9090



Tritanomaly

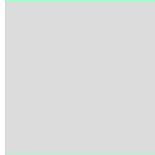
224.8490, -33.7880, -15.4200

Monochromacy



Original Color

219.9280, -36.1690, -32.8490



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.7930, -13.0190, -11.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9280, -36.1690, -32.8490 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(165, 251, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 251, 204)  
}
```

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(165, 251, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 251, 204) }
```

Border

The CSS property to change the border of an element to YIQ 219.9280, -36.1690, -32.8490 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(165, 251, 204) }
```


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

```
.border{ border-color:rgb(165, 251, 204) }
```

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

Here you see how a box with a 4 pixel rgb(165, 251, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 251, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 251, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 251,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9280, -36.1690, -32.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 251, 204) }
```

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

```
.background{ background-color: rgb(165,  
251, 204) }
```

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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