

Converting Colors

YIQ(216.2130, -40.9850,
-22.6570)

Have a look what the booklet for
YIQ(216.2130, -40.9850, -22.6570)
contains.

YIQ(216.2130, -40.9850, -22.6570)	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(216.2130, -40.9850,
-22.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F2DF
RGB	163, 242, 223
RGB Percent	64%, 95%, 87%
CMY	0.3610, 0.0508, 0.1256
CMYK	0.33, 0.00, 0.08, 0.05
HSL	166°, 75%, 79%
HSV	166°, 33%, 95%
XYZ	60.1700, 76.6308, 81.4053
YIQ	216.2130, -40.9850, -22.6570

Conversions

Conversions Part 2

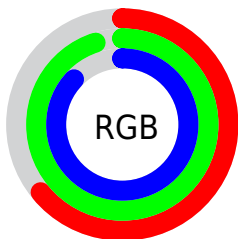
Format	Color
RYB	163, 208, 242
Decimal	10744543
CIELab	90.15, -28.23, 1.50
CIElCh	90, 28.266, 176.961
Yxy	76.6308, 0.2757, 0.3512
Android (android.graphics.Color)	4288934623 (0xFFA3F2DF)
YUV	216.2130, 3.3460, -46.6678
Hunter-Lab	87.5390, -30.5012, 6.1417

Details

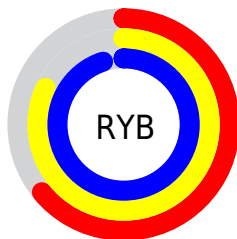
The YIQ color **216.2130, -40.9850, -22.6570** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.7870, 40.9850, 22.6570**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, -20.8600, -7.4200**, and **160.6260, -40.7100, -22.1340** is the 20% darker color. If you saturate the color by 10%, you get **208.3530, -53.3630, -29.6110**, and if you desaturate by 10%, it is **224.0730, -28.6070, -15.7030**.

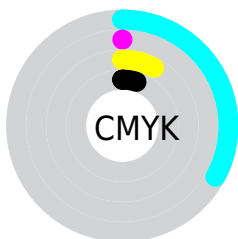
Distribution



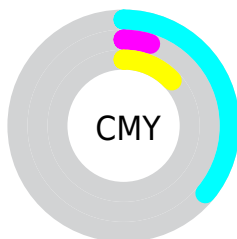
- Red (64%)
- Green (95%)
- Blue (87%)



- Red (64%)
- Yellow (82%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2130, -40.9850, -22.6570 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 216.2130, -40.9850, -22.6570 by changing the saturation by 10% instead.

■ 216.2130,
-40.9850, -22.6570

■ 216.2130,
-40.9850, -22.6570

■ 255.0000, -0.0000,
-0.0000

■ 187.6260,
-40.7100, -22.1340

■ 244.5350,
-20.8600, -7.4200

■ 160.6260,
-40.7100, -22.1340

■ 253.2060, -3.5760,
-1.2720

■ 133.0390,
-40.4350, -21.6110

■ 106.5550,
-41.9480, -21.7240

■ 79.4620, -46.1200,
-23.2080

■ 55.8860, -44.3780,
-21.7380

■ 39.2900, -30.7160,

-16.0280

■ 24.5690, -18.2000,
-11.5760

■ 0.5870, -0.2750,
-0.5230

■ 216.2130,
-40.9850, -22.6570

■ 216.2130,
-40.9850, -22.6570

■ 208.3530,
-53.3630, -29.6110

■ 224.0730,
-28.6070, -15.7030

■ 200.4930,
-65.7410, -36.5650

■ 231.9330,
-16.2290, -8.7490

■ 192.3340,
-78.7150, -43.7310

■ 239.9780, -2.9340,
-1.8940

■ 184.5880,
-91.4140, -50.3740

■ 246.3430, 6.4640,
4.0000

■ 176.7280,
-103.7920, -57.3280

■ 247.0270, 4.5380,
5.8660

■ 168.8680,
-116.1700, -64.2820

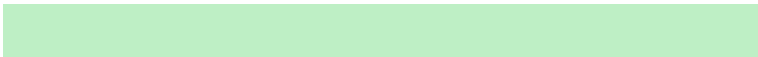
■ 247.3690, 3.5750,
6.7990

■ 163.0300,
-125.6140, -69.3420

Harmonies

Analogous

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



219.5610, -15.7220, -23.4500



216.2130, -40.9850, -22.6570



215.4040, -57.4000, -17.0160

Triad

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



216.2130, -40.9850, -22.6570



226.9690, -6.7420, 12.0580



223.1980, 34.4330, -1.7830

Complementary

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



216.2130, -40.9850, -22.6570



188.7870, 40.9850, 22.6570

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.



222.1840, 29.0210, 8.1970



216.2130, -40.9850, -22.6570



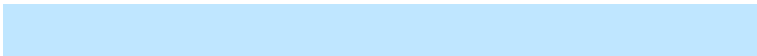
229.7590, 11.8250, 22.4890

Square

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



216.2130, -40.9850, -22.6570



221.1890, -31.2690, -0.4930



224.6750, 20.6290, 17.1170



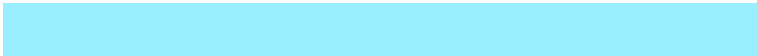
225.9600, 31.8670, -10.3490

Rectangle

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



216.2130, -40.9850, -22.6570



215.4090, -55.7960, -13.0440



224.6750, 20.6290, 17.1170



222.7080, 33.0570, 1.1290

Sweetspot

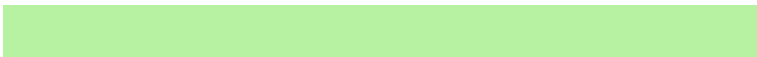
The Sweet Spot groups the original color and five complimentary colors.



216.2130, -40.9850, -22.6570



246.8410, -12.9740, -7.1660



215.3530, -9.8050, -37.0770



122.7600, -8.2520, -4.6360



0.0000, 0.0000, 0.0000



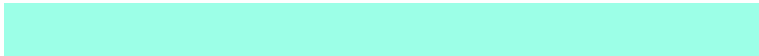
128.0000, -0.0000, -0.0000

Same Dimension

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



216.2130, -40.9850, -22.6570



222.6630, -51.3000, -28.4520



206.6390, -41.5840, -6.2880



116.0700, -6.1890, -3.4770



123.8540, -95.2190, -53.0030



37.7740, -29.2030, -15.9150

Inverse Universe

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



188.7870, 40.9850, 22.6570



188.3370, 51.3000, 28.4520



198.3610, 41.5840, 6.2880



111.9300, 6.1890, 3.4770



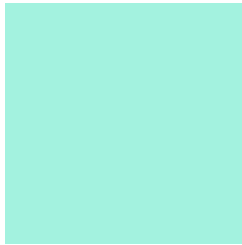
60.0320, 95.5400, 52.6920



18.3400, 28.8820, 16.2260

Previews

White Background



This preview shows how the YIQ color 216.2130, -40.9850, -22.6570 looks on a white background.

Color Contrast Check

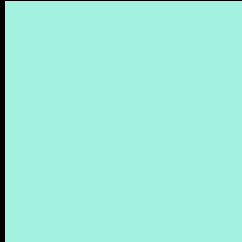
Large Text (above 18pt) WCAG AA × Fail

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 216.2130, -40.9850, -22.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

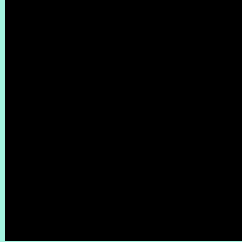
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

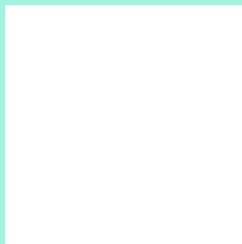
Any Text WCAG AAA ✓ Pass

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

YIQ 216.2130, -40.9850, -22.6570 Background



This preview shows how black text looks on a background with the YIQ color 216.2130, -40.9850, -22.6570.



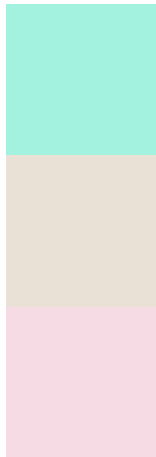
This preview shows how white text looks on a background with the YIQ color 216.2130, -40.9850, -22.6570.

-22.6570.

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

216.2130, -40.9850, -22.6570

Protanopia

226.0240, 8.6200, -2.0360

Deuteranopia

228.3980, 13.7990, 8.7350



Tritanopia

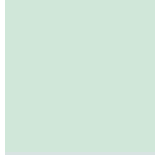
219.9160, -43.9220, -7.9700

Trichromacy



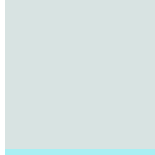
Original Color

216.2130, -40.9850, -22.6570



Protanomaly

222.5270, -9.2140, -9.2300



Deuteranomaly

223.5970, -6.2350, -2.6430



Tritanomaly

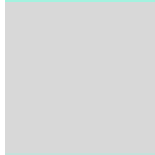
218.5260, -43.0040, -13.5960

Monochromacy



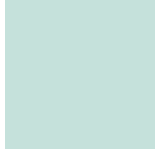
Original Color

216.2130, -40.9850, -22.6570



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.9440, -14.7620, -7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2130, -40.9850, -22.6570 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(163, 242, 223)` looks like.

```
.text, #text, p{  
    color:rgb(163, 242, 223)  
}
```

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(163, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 242, 223) }
```

Border

The CSS property to change the border of an element to YIQ 216.2130, -40.9850, -22.6570 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(163, 242, 223) }
```


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

```
.border{ border-color:rgb(163, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(163, 242,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2130, -40.9850, -22.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 242, 223) }
```

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

```
.background{ background-color: rgb(163,  
242, 223) }
```

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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