

Converting Colors

YIQ(201.7760, -41.8530,
-39.9730)

Have a look what the booklet for
YIQ(201.7760, -41.8530, -39.9730)
contains.

YIQ(201.7760, -41.8530, -39.9730)	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(201.7760, -41.8530,
-39.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	89EFB4
RGB	137, 239, 180
RGB Percent	54%, 94%, 71%
CMY	0.4630, 0.0626, 0.2942
CMYK	0.43, 0.00, 0.25, 0.06
HSL	145°, 76%, 74%
HSV	145°, 43%, 94%
XYZ	49.4190, 70.3644, 54.1407
YIQ	201.7760, -41.8530, -39.9730

Conversions

Conversions Part 2

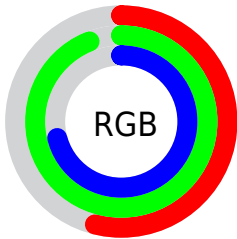
Format	Color
RYB	137, 209, 239
Decimal	9039796
CIELab	87.18, -42.66, 19.44
CIELCh	87, 46.884, 155.502
Yxy	70.3644, 0.2841, 0.4046
Android (android.graphics.Color)	4287229876 (0xFF89EFB4)
YUV	201.7760, -10.7356, -56.8086
Hunter-Lab	83.8835, -41.6350, 20.4511

Details

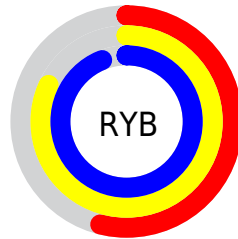
The YIQ color **201.7760, -41.8530, -39.9730** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **174.2240, 41.8530, 39.9730**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5950, -30.2570, -18.8410**, and **145.2320, -43.1370, -38.7290** is the 20% darker color. If you saturate the color by 10%, you get **193.0040, -51.6630, -49.4150**, and if you desaturate by 10%, it is **210.5480, -32.0430, -30.5310**.

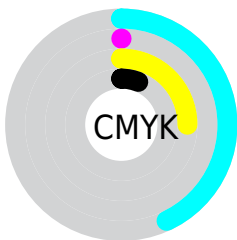
Distribution



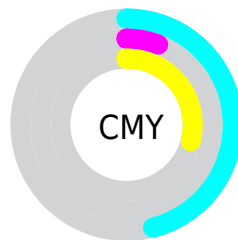
- Red (54%)
- Green (94%)
- Blue (71%)



- Red (54%)
- Yellow (82%)
- Blue (94%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)



- Cyan (46%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7760, -41.8530, -39.9730 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 201.7760, -41.8530, -39.9730 by changing the saturation by 10% instead.

■ 201.7760,
-41.8530, -39.9730

■ 201.7760,
-41.8530, -39.9730

■ 255.0000, -0.0000,
-0.0000

■ 173.3030,
-41.8990, -39.1390

■ 234.5950,
-30.2570, -18.8410

■ 145.2320,
-43.1370, -38.7290

■ 245.4320,
-19.0720, -6.7840

■ 117.5630,
-45.5670, -38.7430

■ 254.4020, -1.1920,
-0.4240

■ 86.1100, -57.5330,
-42.1490

■ 66.6170, -45.6590,
-37.0750

■ 49.4340, -31.7220,
-30.8420

■ 32.8380, -18.0600,

-25.1320

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 201.7760,
-41.8530, -39.9730

■ 201.7760,
-41.8530, -39.9730

■ 193.0040,
-51.6630, -49.4150

■ 210.5480,
-32.0430, -30.5310

■ 184.2320,
-61.4730, -58.8570

■ 219.3200,
-22.2330, -21.0890

■ 175.4600,
-71.2830, -68.2990

■ 227.9780,
-12.1020, -11.9580

■ 166.8020,
-81.4140, -77.4300

■ 236.7500, -2.2920,
-2.5160

■ 158.0300,
-91.2240, -86.8720

■ 244.9240, 6.3260,
6.5020

■ 151.8070,
-98.1460, -93.5860

■ 245.6080, 4.4000,
8.3680

Harmonies

Analogous

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



209.4210, 4.6830, -35.3250



201.7760, -41.8530, -39.9730



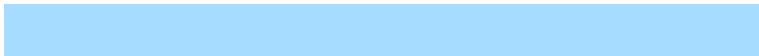
188.6340, -97.0550, -41.7510

Triad

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



201.7760, -41.8530, -39.9730



207.8440, -43.4190, -0.5630



206.4540, 45.7560, 7.7720

Complementary

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



201.7760, -41.8530, -39.9730



174.2240, 41.8530, 39.9730

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.



207.8340, 33.6030, 24.2830



201.7760, -41.8530, -39.9730



218.7840, 1.5090, 22.2210

Square

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



201.7760, -41.8530, -39.9730



190.6580, -96.4620, -24.9580



216.2580, 18.1500, 34.5180



211.1380, 51.8570, -9.1910

Rectangle

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



201.7760, -41.8530, -39.9730



170.5370, -148.1300, -46.7380



216.2580, 18.1500, 34.5180



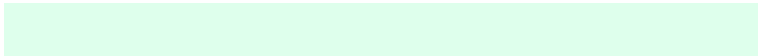
206.1750, 42.4080, 13.3840

Sweetspot

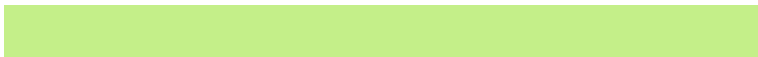
The Sweet Spot groups the original color and five complimentary colors.



201.7760, -41.8530, -39.9730



242.9670, -13.5690, -12.9050



214.5150, 7.1140, -40.8380



120.3530, -8.6640, -8.1840



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.



201.7760, -41.8530, -39.9730



207.5800, -53.4050, -50.8850



207.5900, -58.2240, -24.1120



115.6140, -4.9050, -4.7210



116.7860, -75.3170, -72.2850



35.6080, -23.1040, -21.8240

Inverse Universe

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



174.2240, 41.8530, 39.9730



172.4200, 53.4050, 50.8850



168.4100, 58.2240, 24.1120



112.3860, 4.9050, 4.7210



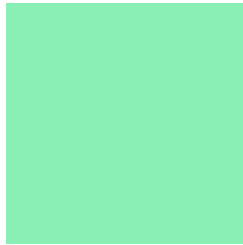
67.1000, 75.6380, 71.9740



20.3920, 23.1040, 21.8240

Previews

White Background



This preview shows how the YIQ color 201.7760, -41.8530, -39.9730 looks on a white background.

Color Contrast Check

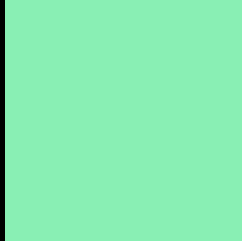
Large Text (above 18pt) WCAG AA × Fail

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 201.7760, -41.8530, -39.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

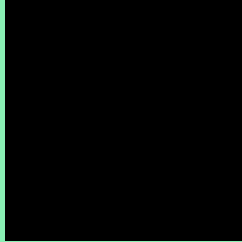
Any Text WCAG AA ✓ Pass

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 201.7760, -41.8530, -39.9730 Background



This preview shows how black text looks on a background with the YIQ color 201.7760, -41.8530, -39.9730.



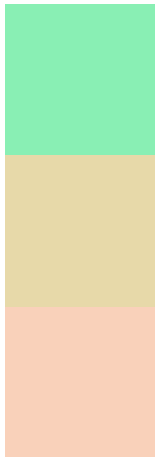
This preview shows how white text looks on a background with the YIQ color 201.7760, -41.8530, -39.9730.

-39.9730.

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

201.7760, -41.8530, -39.9730

Protanopia

215.7140, 23.7520, -11.9600

Deuteranopia

218.3380, 31.2230, 1.3270



Tritanopia

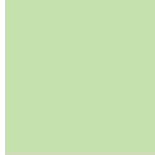
209.0290, -51.6700, -10.7260

Trichromacy



Original Color

201.7760, -41.8530, -39.9730



Protanomaly

210.7000, 0.0040, -22.1080



Deuteranomaly

212.3080, 4.4040, -13.7400



Tritanomaly

206.1460, -48.0460, -21.3420

Monochromacy



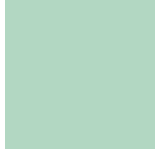
Original Color

201.7760, -41.8530, -39.9730



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.5430, -15.3110, -14.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7760, -41.8530, -39.9730 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(137, 239, 180)` looks like.

```
.text, #text, p{  
    color:rgb(137, 239, 180)  
}
```

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(137, 239, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 239, 180) }
```

Border

The CSS property to change the border of an element to YIQ 201.7760, -41.8530, -39.9730 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(137, 239, 180) }
```


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

```
.border{ border-color:rgb(137, 239, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 239, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 239, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 239, 180);  
box-shadow:4px 4px 4px 4px rgb(137, 239,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7760, -41.8530, -39.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 239, 180) }
```

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

```
.background{ background-color: rgb(137,  
239, 180) }
```

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