

Converting Colors

YIQ(187.8870, -82.7910,
-68.9910)

Have a look what the booklet for
YIQ(187.8870, -82.7910, -68.9910)
contains.

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Color

**YIQ(187.8870, -82.7910,
-68.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	42FFA2
RGB	66, 255, 162
RGB Percent	26%, 100%, 64%
CMY	0.7417, 0.0000, 0.3650
CMYK	0.74, 0.00, 0.36, 0.00
HSL	150°, 100%, 63%
HSV	150°, 74%, 100%
XYZ	44.5138, 75.2801, 46.3363
YIQ	187.8870, -82.7910, -68.9910

Conversions

Conversions Part 2

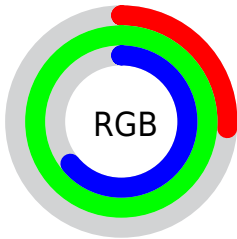
Format	Color
RYB	66, 191, 255
Decimal	4390818
CIELab	89.52, -66.56, 31.50
CIELCh	90, 73.635, 154.671
Yxy	75.2801, 0.2679, 0.4531
Android (android.graphics.Color)	4282580898 (0xFF42FFA2)
YUV	187.8870, -12.7623, -106.8949
Hunter-Lab	86.7641, -60.2587, 29.0711

Details

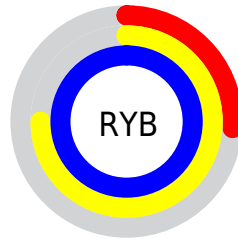
The YIQ color **187.8870, -82.7910, -68.9910** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **133.1130, 82.7910, 68.9910**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6850, -57.5340, -36.6220**, and **128.0650, -89.1640, -69.1320** is the 20% darker color. If you saturate the color by 10%, you get **178.6310, -94.1140, -78.5460**, and if you desaturate by 10%, it is **196.7300, -71.7430, -59.9590**.

Distribution



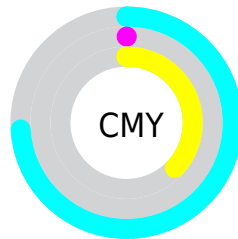
- Red (26%)
- Green (100%)
- Blue (64%)



- Red (26%)
- Yellow (75%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8870, -82.7910, -68.9910 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 187.8870, -82.7910, -68.9910 by changing the saturation by 10% instead.

187.8870,
-82.7910, -68.9910

187.8870,
-82.7910, -68.9910

255.0000, -0.0000,
-0.0000

148.0520,
-105.4850, -76.2130

215.6850,
-57.5340, -36.6220

128.0650,
-89.1640, -69.1320

228.8580,
-47.1750, -20.6070

108.7790,
-73.4390, -62.2630

239.1530,
-31.5880, -11.2360

89.6070, -58.0350,
-55.0830

248.7210,
-12.5160, -4.4520

71.0220, -42.9060,
-48.4260

53.0240, -28.0520,
-42.2920

36.9810, -17.3250,

-32.9490

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,
0.0000

■ 187.8870,
-82.7910, -68.9910

■ 187.8870,
-82.7910, -68.9910

■ 178.6310,
-94.1140, -78.5460

■ 196.7300,
-71.7430, -59.9590

■ 169.7880,
-105.1620, -87.5780

■ 205.9860,
-60.4200, -50.4040

■ 164.5050,
-111.8550, -92.9350

■ 214.9430,
-49.6930, -41.0610

■ 224.0850,
-38.0490, -31.8170

■ 233.0420,
-27.3220, -22.4740

■ 242.1840,
-15.6780, -13.2300

■ 251.1410, -4.9510,
-3.8870

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



208.6760, 7.4380, -57.7300



187.8870, -82.7910, -68.9910



176.3610, -145.2390, -60.5910

Triad

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



187.8870, -82.7910, -68.9910



193.0940, -85.8260, -19.4740



194.7820, 56.5760, 9.9200

Complementary

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



187.8870, -82.7910, -68.9910



133.1130, 82.7910, 68.9910

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.



195.4900, 38.0480, 37.3440



187.8870, -82.7910, -68.9910



220.3010, 7.4230, 25.1750

Square

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



187.8870, -82.7910, -68.9910



174.6460, -150.0550, -50.3990



207.4530, 22.2750, 42.3630



204.0020, 66.4390, -20.1610

Rectangle

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



187.8870, -82.7910, -68.9910



178.7550, -151.9800, -54.0600



207.4530, 22.2750, 42.3630



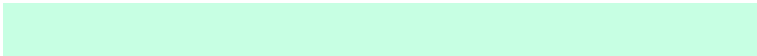
193.6540, 51.4850, 19.5890

Sweetspot

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



187.8870, -82.7910, -68.9910



235.0640, -24.3880, -20.5800



205.0490, 4.0490, -78.9190



115.8960, -14.8070, -12.4950



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.



187.8870, -82.7910, -68.9910



174.3590, -99.3400, -82.9560



198.4890, -112.6440, -40.0680



123.3150, -5.5010, -4.9330



123.1750, -83.6620, -69.7260



41.2160, -27.8720, -23.5200

Inverse Universe

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



133.1130, 82.7910, 68.9910



108.6410, 99.3400, 82.9560



122.5110, 112.6440, 40.0680



119.5710, 5.8220, 4.6220



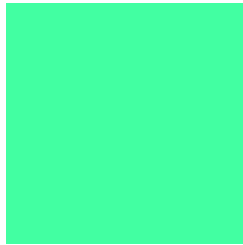
67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 187.8870, -82.7910, -68.9910 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 187.8870, -82.7910, -68.9910 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 187.8870, -82.7910, -68.9910 Background



This preview shows how black text looks on a background with the YIQ color 187.8870, -82.7910, -68.9910.



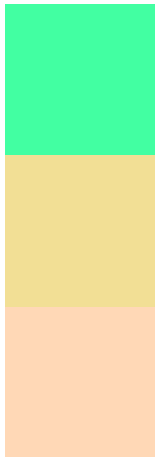
This preview shows how white text looks on a background with the YIQ color 187.8870, -82.7910, -68.9910.

-68.9910.

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

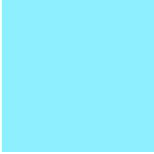
187.8870, -82.7910, -68.9910

Protanopia

220.2450, 35.0780, -18.9860

Deuteranopia

223.7850, 34.1580, -2.3060



Tritanopia

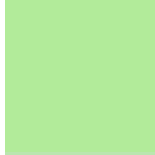
211.5220, -63.5440, -15.8000

Trichromacy



Original Color

187.8870, -82.7910, -68.9910



Protanomaly

208.7230, -7.9710, -37.2750



Deuteranomaly

210.5740, -8.5690, -26.4330



Tritanomaly

203.0950, -70.3720, -35.2360

Monochromacy



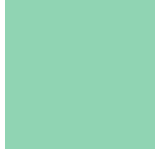
Original Color

187.8870, -82.7910, -68.9910



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9060, -29.9350, -24.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8870, -82.7910, -68.9910 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(66, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(66, 255, 162)  
}
```

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(66, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 255, 162) }
```

Border

The CSS property to change the border of an element to YIQ 187.8870, -82.7910, -68.9910 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(66, 255, 162) }
```


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

```
.border{ border-color:rgb(66, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(66, 255,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8870, -82.7910, -68.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 255, 162) }
```

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

```
.background{ background-color: rgb(66, 255,  
162) }
```

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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