

Converting Colors

YIQ(213.1080, -63.2190,
-38.2190)

Have a look what the booklet for
YIQ(213.1080, -63.2190, -38.2190)
contains.

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Color

**YIQ(213.1080, -63.2190,
-38.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	81FFDA
RGB	129, 255, 218
RGB Percent	51%, 100%, 85%
CMY	0.4944, 0.0000, 0.1453
CMYK	0.49, 0.00, 0.15, 0.00
HSL	162°, 100%, 75%
HSV	162°, 49%, 100%
XYZ	57.4482, 81.2397, 78.9438
YIQ	213.1080, -63.2190, -38.2190

Conversions

Conversions Part 2

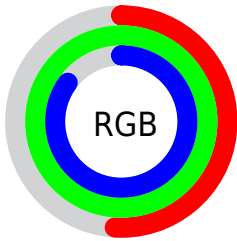
Format	Color
RYB	129, 203, 255
Decimal	8519642
CIELab	92.24, -43.79, 6.94
CIELCh	92, 44.342, 170.989
Yxy	81.2397, 0.2640, 0.3733
Android (android.graphics.Color)	4286709722 (0xFF81FFDA)
YUV	213.1080, 2.4118, -73.7627
Hunter-Lab	90.1331, -43.9620, 11.1635

Details

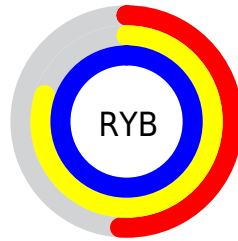
The YIQ color **213.1080, -63.2190, -38.2190** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **170.8920, 63.2190, 38.2190**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, -39.9320, -14.2040**, and **154.5420, -67.4370, -38.8690** is the 20% darker color. If you saturate the color by 10%, you get **204.4220, -76.1470, -46.2190**, and if you desaturate by 10%, it is **221.3810, -50.5660, -30.7420**.

Distribution



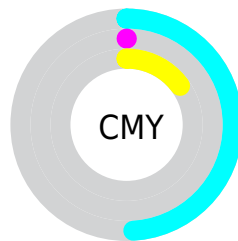
- Red (51%)
- Green (100%)
- Blue (85%)



- Red (51%)
- Yellow (80%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1080, -63.2190, -38.2190 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 213.1080, -63.2190, -38.2190 by changing the saturation by 10% instead.

■ 213.1080,
-63.2190, -38.2190

■ 213.1080,
-63.2190, -38.2190

■ 255.0000, -0.0000,
-0.0000

■ 183.9230,
-64.1360, -38.1200

■ 234.9670,
-39.9320, -14.2040

■ 154.5420,
-67.4370, -38.8690

■ 243.9370,
-22.0520, -7.8440

■ 122.2850,
-77.0190, -41.4270

■ 253.2060, -3.5760,
-1.2720

■ 96.5950, -74.9560,
-40.2680

■ 78.5970, -60.1020,
-34.1340

■ 60.7130, -45.5690,
-27.6890

■ 43.5300, -31.6320,

-21.4560

■ 28.2220, -18.8410,
-16.4810

■ 8.8050, -4.1250,
-7.8450

■ 213.1080,
-63.2190, -38.2190

■ 213.1080,
-63.2190, -38.2190

■ 204.4220,
-76.1470, -46.2190

■ 221.3810,
-50.5660, -30.7420

■ 196.1490,
-88.8000, -53.6960

■ 230.0670,
-37.6380, -22.7420

■ 187.4630,
-101.7280, -61.6960

■ 238.3400,
-24.9850, -15.2650

■ 179.1900,
-114.3810, -69.1730

■ 247.0260,
-12.0570, -7.2650

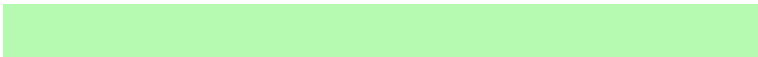
■ 170.5040, 255.0000, -0.0000,
-127.3090, -77.1730 -0.0000

■ 170.2050,
-127.9050, -77.3850

Harmonies

Analogous

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



221.4600, -17.4160, -36.8080



213.1080, -63.2190, -38.2190



202.6750, -104.3000, -37.1000

Triad

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



213.1080, -63.2190, -38.2190



227.5120, -12.8850, 7.7470



219.2540, 40.0270, -4.0450

Complementary

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



213.1080, -63.2190, -38.2190



170.8920, 63.2190, 38.2190

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.



217.4880, 31.2210, 12.3810



213.1080, -63.2190, -38.2190



229.1720, 12.1000, 23.0120

Square

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



213.1080, -63.2190, -38.2190



215.9850, -57.5380, -14.5140



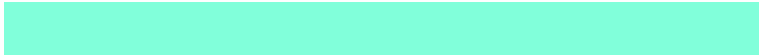
222.3900, 17.4180, 25.7540



225.8930, 42.0010, -17.7990

Rectangle

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



213.1080, -63.2190, -38.2190



200.3050, -106.1340, -36.9020



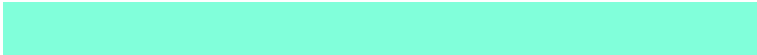
222.3900, 17.4180, 25.7540



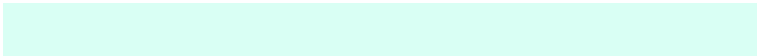
218.1600, 37.5960, 1.4680

Sweetspot

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



213.1080, -63.2190, -38.2190



242.3840, -19.1170, -11.4770



214.3240, -12.0020, -57.8420



120.3250, -11.4610, -7.0530



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.



213.1080, -63.2190, -38.2190



205.1340, -75.2760, -45.4840



202.6510, -68.2210, -13.6370



123.6570, -6.4640, -4.0000



127.5070, -95.8600, -57.9080



42.6980, -32.0450, -19.4770

Inverse Universe

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



170.8920, 63.2190, 38.2190



154.8660, 75.2760, 45.4840



181.3490, 68.2210, 13.6370



119.2290, 6.7850, 3.6890



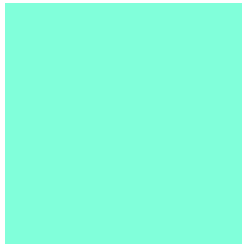
63.4930, 95.8600, 57.9080



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 213.1080, -63.2190, -38.2190 looks on a white background.

Color Contrast Check

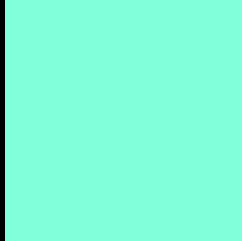
Large Text (above 18pt) WCAG AA × Fail

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 213.1080, -63.2190, -38.2190 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 213.1080, -63.2190, -38.2190 Background



This preview shows how black text looks on a background with the YIQ color 213.1080, -63.2190, -38.2190.



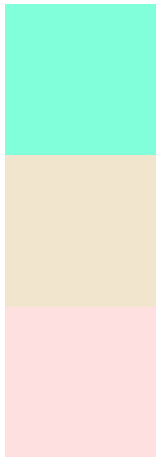
This preview shows how white text looks on a background with the YIQ color 213.1080, -63.2190, -38.2190.

-38.2190.

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

213.1080, -63.2190, -38.2190

Protanopia

230.4390, 14.5810, -5.4430

Deuteranopia

233.3830, 18.1550, 6.8830



Tritanopia

225.5420, -39.9330, -8.6770

Trichromacy



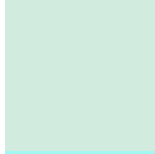
Original Color

213.1080, -63.2190, -38.2190



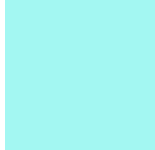
Protanomaly

224.0330, -13.9350, -17.2870



Deuteranomaly

225.7440, -11.3230, -9.5550



Tritanomaly

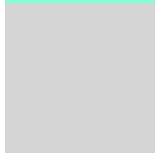
221.3140, -48.4590, -19.3630

Monochromacy



Original Color

213.1080, -63.2190, -38.2190



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.7640, -23.2430, -13.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1080, -63.2190, -38.2190 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(129, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 218)  
}
```

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(129, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 218) }
```

Border

The CSS property to change the border of an element to YIQ 213.1080, -63.2190, -38.2190 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

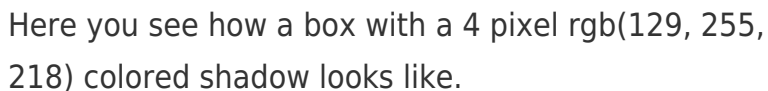
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 255, 218) }
```


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

```
.border{ border-color:rgb(129, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 255, 218); box-shadow:4px 4px 4px 4px rgb(129, 255, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1080, -63.2190, -38.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 218) }
```

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

```
.background{ background-color: rgb(129,  
255, 218) }
```

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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