

Converting Colors

YIQ(199.2090, -53.4980,
-43.6900)

Have a look what the booklet for
YIQ(199.2090, -53.4980, -43.6900)
contains.

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Color

**YIQ(199.2090, -53.4980,
-43.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	79F2B8
RGB	121, 242, 184
RGB Percent	47%, 95%, 72%
CMY	0.5258, 0.0508, 0.2786
CMYK	0.50, 0.00, 0.24, 0.05
HSL	151°, 82%, 71%
HSV	151°, 50%, 95%
XYZ	48.2881, 71.0523, 56.4934
YIQ	199.2090, -53.4980, -43.6900

Conversions

Conversions Part 2

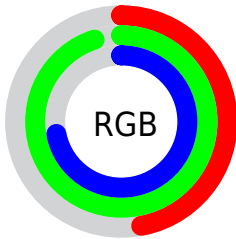
Format	Color
RYB	121, 201, 242
Decimal	7991992
CIELab	87.51, -47.20, 17.76
CIELCh	88, 50.428, 159.383
Yxy	71.0523, 0.2746, 0.4041
Android (android.graphics.Color)	4286182072 (0xFF79F2B8)
YUV	199.2090, -7.4980, -68.5893
Hunter-Lab	84.2925, -45.2560, 19.2683

Details

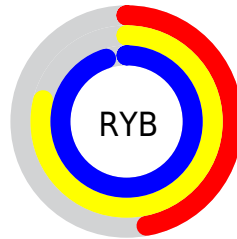
The YIQ color **199.2090, -53.4980, -43.6900** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **163.7910, 53.4980, 43.6900**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8650, -39.8850, -20.5650**, and **141.1700, -57.7620, -43.5060** is the 20% darker color. If you saturate the color by 10%, you get **190.6650, -63.9500, -52.5100**, and if you desaturate by 10%, it is **207.7530, -43.0460, -34.8700**.

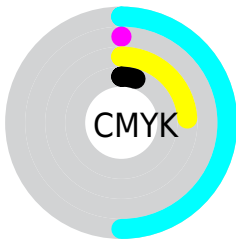
Distribution



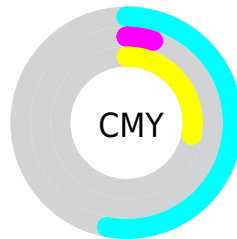
- Red (47%)
- Green (95%)
- Blue (72%)



- Red (47%)
- Yellow (79%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2090, -53.4980, -43.6900 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 199.2090, -53.4980, -43.6900 by changing the saturation by 10% instead.

■ 199.2090,
-53.4980, -43.6900

■ 199.2090,
-53.4980, -43.6900

■ 255.0000, -0.0000,
-0.0000

■ 170.1380,
-54.7360, -43.2800

■ 230.8650,
-39.8850, -20.5650

■ 141.1700,
-57.7620, -43.5060

■ 241.2460,
-27.4160, -9.7520

■ 108.6030,
-69.4070, -47.2230

■ 250.2160, -9.5360,
-3.3920

■ 86.1310, -62.0260,
-43.3220

■ 68.2470, -47.4930,
-36.8770

■ 51.0640, -33.5560,
-30.6440

■ 34.5820, -20.2150,

-24.6230

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 199.2090,
-53.4980, -43.6900

■ 199.2090,
-53.4980, -43.6900

■ 190.6650,
-63.9500, -52.5100

■ 207.7530,
-43.0460, -34.8700

■ 182.2350,
-74.7230, -61.0190


■ 216.1830,
-32.2730, -26.3610


■ 173.3920,
-85.7710, -70.0510

■ 225.0260,
-21.2250, -17.3290

■ 164.9620,
-96.5440, -78.5600

■ 233.4560,
-10.4520, -8.8200

 156.4180,
-106.9960, -87.3800

 242.0000, -0.0000,
0.0000

 247.2550, 3.8960,
6.4880

 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



208.3770, -1.1850, -39.1130



199.2090, -53.4980, -43.6900



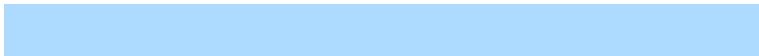
171.5730, -139.7840, -54.8240

Triad

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



199.2090, -53.4980, -43.6900



209.0510, -39.5680, 1.2320



205.5420, 48.3240, 5.2840

Complementary

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



199.2090, -53.4980, -43.6900



163.7910, 53.4980, 43.6900

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.



205.9760, 36.0790, 23.4630



199.2090, -53.4980, -43.6900



220.0130, 8.2940, 25.9100

Square

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



199.2090, -53.4980, -43.6900



187.3690, -103.0180, -27.2900



214.3830, 19.2960, 35.7760



211.4000, 53.8750, -12.7250

Rectangle

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



199.2090, -53.4980, -43.6900



172.2980, -148.9550, -48.3070



214.3830, 19.2960, 35.7760



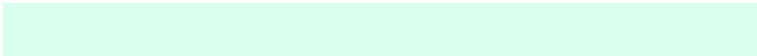
204.7900, 44.9300, 11.7300

Sweetspot

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



199.2090, -53.4980, -43.6900



241.5860, -16.8700, -13.6540



209.3690, 1.2930, -50.9870



119.7550, -9.8560, -8.6080



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.



199.2090, -53.4980, -43.6900



200.9310, -67.7550, -55.1390



204.6470, -71.5660, -24.6060



115.7280, -5.2260, -4.4100



118.9520, -81.4160, -66.3760



36.1780, -24.7090, -20.2690

Inverse Universe

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



163.7910, 53.4980, 43.6900



156.0690, 67.7550, 55.1390



158.3530, 71.5660, 24.6060



112.2720, 5.2260, 4.4100



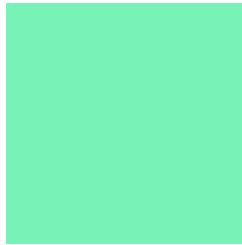
65.0480, 81.4160, 66.3760



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 199.2090, -53.4980, -43.6900 looks on a white background.

Color Contrast Check

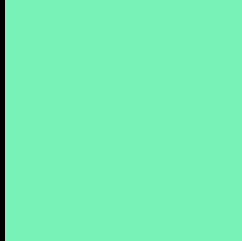
Large Text (above 18pt) WCAG AA × Fail

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 199.2090, -53.4980, -43.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

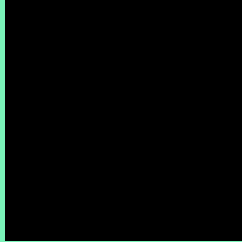
Any Text WCAG AA ✓ Pass

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 199.2090, -53.4980, -43.6900 Background



This preview shows how black text looks on a background with the YIQ color 199.2090, -53.4980, -43.6900.



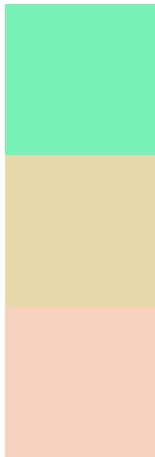
This preview shows how white text looks on a background with the YIQ color 199.2090, -53.4980, -43.6900.

-43.6900.

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

199.2090, -53.4980, -43.6900

Protanopia

216.3550, 23.3850, -10.8150

Deuteranopia

219.4950, 29.3430, 2.3590



Tritanopia

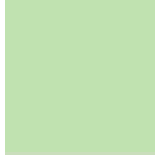
207.0600, -62.1230, -14.0190

Trichromacy



Original Color

199.2090, -53.4980, -43.6900



Protanomaly

210.1340, -4.2140, -22.7580



Deuteranomaly

212.1440, -1.0060, -14.8140



Tritanomaly

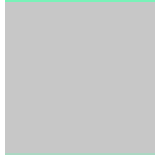
203.8780, -59.0950, -24.8470

Monochromacy



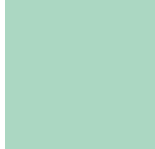
Original Color

199.2090, -53.4980, -43.6900



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.4500, -19.4830, -15.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2090, -53.4980, -43.6900 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(121, 242, 184)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 184)  
}
```

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(121, 242, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 184) }
```

Border

The CSS property to change the border of an element to YIQ 199.2090, -53.4980, -43.6900 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(121, 242, 184) }
```


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

```
.border{ border-color:rgb(121, 242, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 242, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 184);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2090, -53.4980, -43.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 242, 184) }
```

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

```
.background{ background-color: rgb(121,  
242, 184) }
```

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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