

Converting Colors

YIQ(201.9390, -70.2330,
-43.2650)

Have a look what the booklet for
YIQ(201.9390, -70.2330, -43.2650)
contains.

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Color

**YIQ(201.9390, -70.2330,
-43.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	6CF9CE
RGB	108, 249, 206
RGB Percent	42%, 98%, 81%
CMY	0.5768, 0.0233, 0.1924
CMYK	0.57, 0.00, 0.17, 0.02
HSL	162°, 92%, 70%
HSV	162°, 57%, 98%
XYZ	51.2001, 75.4235, 70.2123
YIQ	201.9390, -70.2330, -43.2650

Conversions

Conversions Part 2

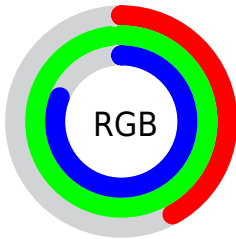
Format	Color
R _Y B	108, 191, 249
Decimal	7141838
CIE Lab	89.59, -48.30, 9.27
CIE LCh	90, 49.183, 169.142
Yxy	75.4235, 0.2601, 0.3832
Android (android.graphics.Color)	4285331918 (0xFF6CF9CE)
YUV	201.9390, 2.0021, -82.3845
Hunter-Lab	86.8467, -46.7479, 12.8589

Details

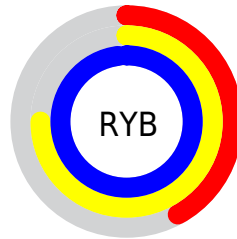
The YIQ color **201.9390, -70.2330, -43.2650** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **155.0610, 70.2330, 43.2650**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, -51.2560, -18.2320**, and **139.8990, -81.9240, -46.1480** is the 20% darker color. If you saturate the color by 10%, you get **193.5520, -82.5650, -51.0530**, and if you desaturate by 10%, it is **210.3260, -57.9010, -35.4770**.

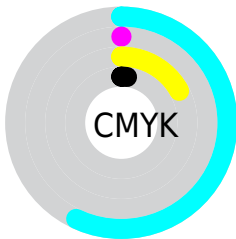
Distribution



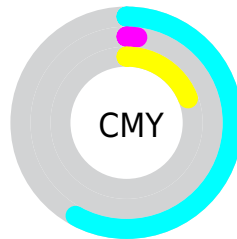
- Red (42%)
- Green (98%)
- Blue (81%)



- Red (42%)
- Yellow (75%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (58%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9390, -70.2330, -43.2650 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 201.9390, -70.2330, -43.2650 by changing the saturation by 10% instead.

 201.9390,
-70.2330, -43.2650


 201.9390,
-70.2330, -43.2650

255.0000, -0.0000,
-0.0000

 171.8570,
-72.9380, -43.8020


 229.2860,
-51.2560, -18.2320


 139.8990,
-81.9240, -46.1480


 238.5550,
-32.7800, -11.6600

 110.6320,
-85.5460, -46.5860

 247.5250,
-14.9000, -5.3000

 91.9330, -70.0960,
-40.2400

 73.9350, -55.2420,
-34.1060

 56.0510, -40.7090,
-27.6610

 39.5690, -27.3680,

-21.6400

■ 24.0330, -13.9350,
-17.2870

■ 0.0000, 0.0000,
0.0000

■ 201.9390,
-70.2330, -43.2650

■ 201.9390,
-70.2330, -43.2650

■ 193.5520,
-82.5650, -51.0530

■ 210.3260,
-57.9010, -35.4770

■ 185.2790,
-95.2180, -58.5300

■ 218.5990,
-45.2480, -28.0000

■ 176.8920,
-107.5500, -66.3180

■ 226.9860,
-32.9160, -20.2120

■ 168.6190,
-120.2030, -73.7950

■ 235.2590,
-20.2630, -12.7350

■ 165.8850,
-124.0080, -76.4240

■ 243.3470, -8.5270,
-5.1590

■ 251.1360, 2.6130,
2.2050

■ 251.4780, 1.6500,
3.1380

Harmonies

Analogous

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



212.5370, -16.3150, -40.2430



201.9390, -70.2330, -43.2650



175.7060, -150.2840, -51.7560

Triad

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



201.9390, -70.2330, -43.2650



218.9180, -19.9000, 8.2280



211.4290, 46.9040, -2.0240

Complementary

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



201.9390, -70.2330, -43.2650



155.0610, 70.2330, 43.2650

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.



209.6460, 36.7680, 16.4800



201.9390, -70.2330, -43.2650



223.8890, 14.5750, 27.7190

Square

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



201.9390, -70.2330, -43.2650



203.4930, -73.7680, -17.7360



215.5910, 21.4060, 30.5740



218.7860, 49.6120, -18.0680

Rectangle

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



201.9390, -70.2330, -43.2650



174.6460, -150.0550, -50.3990



215.5910, 21.4060, 30.5740



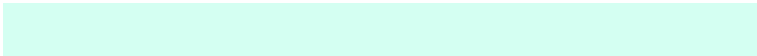
210.4490, 44.1520, 3.8000

Sweetspot

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



201.9390, -70.2330, -43.2650



240.6610, -21.4550, -13.1590



204.2220, -11.9550, -64.2030



119.3140, -12.9280, -8.0000



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.



201.9390, -70.2330, -43.2650



197.2310, -86.0950, -53.1590



191.5790, -76.8860, -16.2940



120.6570, -6.4640, -4.0000



125.8770, -94.0260, -58.1060



40.7090, -30.5780, -18.5300

Inverse Universe

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



155.0610, 70.2330, 43.2650



139.7690, 86.0950, 53.1590



165.4210, 76.8860, 16.2940



116.3430, 6.4640, 4.0000



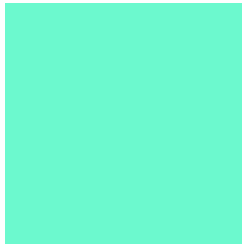
63.1230, 94.0260, 58.1060



20.4050, 30.2570, 18.8410

Previews

White Background



This preview shows how the YIQ color 201.9390, -70.2330, -43.2650 looks on a white background.

Color Contrast Check

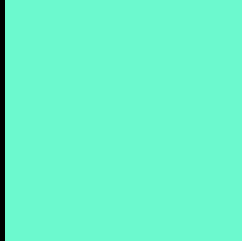
Large Text (above 18pt) WCAG AA × Fail

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 201.9390, -70.2330, -43.2650 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 201.9390, -70.2330, -43.2650 Background



This preview shows how black text looks on a background with the YIQ color 201.9390, -70.2330, -43.2650.



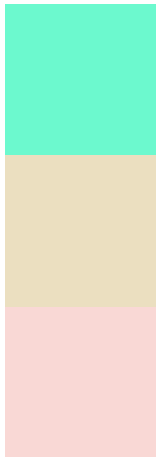
This preview shows how white text looks on a background with the YIQ color 201.9390, -70.2330, -43.2650.

-43.2650.

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

201.9390, -70.2330, -43.2650

Protanopia

223.0540, 17.1030, -7.0970

Deuteranopia

225.5250, 20.6310, 6.0630



Tritanopia

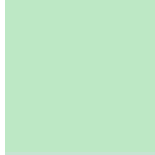
213.3270, -58.5010, -13.5810

Trichromacy



Original Color

201.9390, -70.2330, -43.2650



Protanomaly

215.1530, -14.3930, -20.0010



Deuteranomaly

216.9780, -12.1020, -11.9580



Tritanomaly

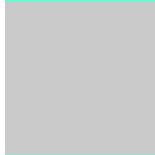
209.1380, -62.7630, -24.4510

Monochromacy



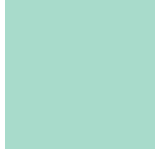
Original Color

201.9390, -70.2330, -43.2650



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.9270, -25.2600, -15.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9390, -70.2330, -43.2650 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(108, 249, 206)` looks like.

```
.text, #text, p{  
    color:rgb(108, 249, 206)  
}
```

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(108, 249, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 249, 206) }
```

Border

The CSS property to change the border of an element to YIQ 201.9390, -70.2330, -43.2650 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(108, 249, 206) }
```


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

```
.border{ border-color:rgb(108, 249, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 249, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 249, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 249, 206);  
box-shadow:4px 4px 4px 4px rgb(108, 249,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9390, -70.2330, -43.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 249, 206) }
```

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

```
.background{ background-color: rgb(108,  
249, 206) }
```

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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