

Converting Colors

YIQ(199.4140, -108.0590,
-40.5630)

Have a look what the booklet for
YIQ(199.4140, -108.0590, -40.5630)
contains.

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Color

**YIQ(199.4140, -108.0590,
-40.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	47FFFA
RGB	71, 255, 250
RGB Percent	28%, 100%, 98%
CMY	0.7220, 0.0000, 0.0200
CMYK	0.72, 0.00, 0.02, 0.00
HSL	178°, 100%, 64%
HSV	178°, 72%, 100%
XYZ	55.5886, 79.7507, 102.8170
YIQ	199.4140, -108.0590, -40.5630

Conversions

Conversions Part 2

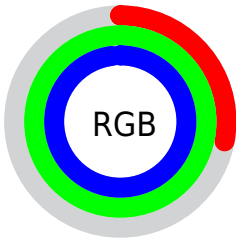
Format	Color
RYB	71, 164, 255
Decimal	4718586
CIELab	91.57, -45.54, -10.74
CIELCh	92, 46.789, 193.275
Yxy	79.7507, 0.2334, 0.3349
Android (android.graphics.Color)	4282908666 (0xFF47FFFA)
YUV	199.4140, 24.9389, -112.6191
Hunter-Lab	89.3032, -45.1697, -5.7498

Details

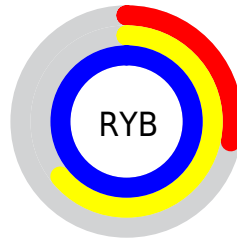
The YIQ color **199.4140, -108.0590, -40.5630** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **126.5860, 108.0590, 40.5630**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, -65.5600, -23.3200**, and **138.3420, -116.7240, -43.2200** is the 20% darker color. If you saturate the color by 10%, you get **191.5260, -123.2340, -46.3860**, and if you desaturate by 10%, it is **207.0030, -93.4800, -34.9520**.

Distribution



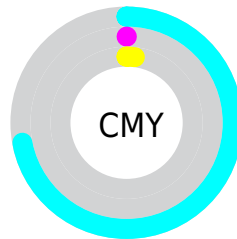
- Red (28%)
- Green (100%)
- Blue (98%)



- Red (28%)
- Yellow (64%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4140, -108.0590, -40.5630 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 199.4140, -108.0590, -40.5630 by changing the saturation by 10% instead.

199.4140,
-108.0590, -40.5630

199.4140,
-108.0590, -40.5630

255.0000, -0.0000,
-0.0000

157.8560,
-133.0910, -49.4670

222.1100,
-65.5600, -23.3200

138.2280,
-116.4030, -43.5310

231.9770,
-45.8920, -16.3240

118.7140,
-100.0360, -37.2840

241.5450,
-26.8200, -9.5400

99.9010, -84.2650,
-31.2490

251.1130, -7.7480,
-2.7560

81.2020, -68.8150,
-24.9030

63.6770, -53.9150,
-19.6030

46.3800, -39.6570,

-13.6810

■ 30.9580, -26.5450,
-9.0170

■ 9.8940, -11.3250,
1.4990

■ 199.4140,
-108.0590, -40.5630

■ 199.4140,
-108.0590, -40.5630

■ 191.5260,
-123.2340, -46.3860

■ 207.0030,
-93.4800, -34.9520

■ 183.9370,
-137.8130, -51.9970

■ 214.7770,
-77.9840, -29.4400

■ 177.9570,
-149.7330, -56.2370

■ 222.3660,
-63.4050, -23.8290

■ 230.2540,
-48.2300, -18.0060

■ 237.7290,
-33.3300, -12.7060

■ 245.6170,
-18.1550, -6.8830

■ 253.2060, -3.5760,
-1.2720

■ 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.



211.8330, -55.1950, -40.4670



199.4140, -108.0590, -40.5630



191.3460, -122.5470, -42.3150

Triad

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



199.4140, -108.0590, -40.5630



229.7590, 11.8250, 22.4890



221.3280, 45.2100, -15.3820

Complementary

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



199.4140, -108.0590, -40.5630



126.5860, 108.0590, 40.5630

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.



216.0740, 40.7140, 0.0260



199.4140, -108.0590, -40.5630



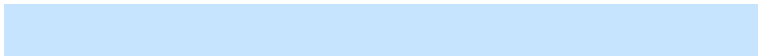
222.1280, 15.4000, 29.2880

Square

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



199.4140, -108.0590, -40.5630



222.4070, -25.9510, 2.2490



215.4650, 30.0280, 17.4840



226.1920, 33.4290, -27.6510

Rectangle

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



199.4140, -108.0590, -40.5630



201.8770, -92.8850, -29.2130



215.4650, 30.0280, 17.4840



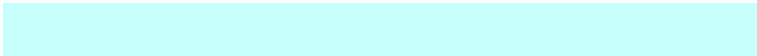
219.1910, 44.3380, -10.5900

Sweetspot

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



199.4140, -108.0590, -40.5630



238.0280, -32.7340, -12.4940



180.8020, -47.0240, -94.9600



117.7200, -19.9430, -7.5190



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.



199.4140, -108.0590, -40.5630



187.9380, -130.3860, -48.9300



149.5020, -86.0140, 5.9700



123.9990, -7.4270, -3.0670



133.3210, -112.2310, -42.0470



44.6360, -37.5020, -14.1900

Inverse Universe

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



126.5860, 108.0590, 40.5630



100.0620, 130.3860, 48.9300



176.4980, 86.0140, -5.9700



118.8870, 7.7480, 2.7560



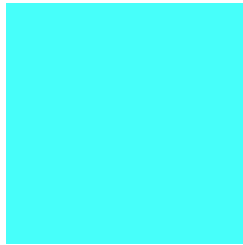
57.6790, 112.2310, 42.0470



19.3640, 37.5020, 14.1900

Previews

White Background



This preview shows how the YIQ color 199.4140, -108.0590, -40.5630 looks on a white background.

Color Contrast Check

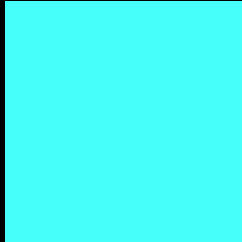
Large Text (above 18pt) WCAG AA × Fail

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 199.4140, -108.0590, -40.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

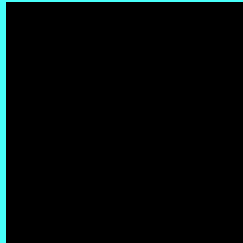
Any Text WCAG AA ✓ Pass

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 199.4140, -108.0590, -40.5630 Background



This preview shows how black text looks on a background with the YIQ color 199.4140, -108.0590, -40.5630.



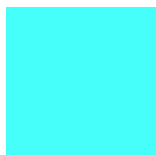
This preview shows how white text looks on a background with the YIQ color 199.4140, -108.0590, -40.5630.

-40.5630.

Color Blindness Simulation

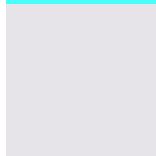
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



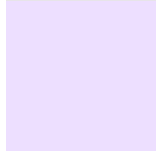
Original Color

199.4140, -108.0590, -40.5630



Protanopia

229.4670, 0.1830, 2.1910



Deuteranopia

230.8340, -1.9280, 12.9200



Tritanopia

220.4590, -50.0650, -12.2810

Trichromacy



Original Color

199.4140, -108.0590, -40.5630



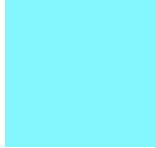
Protanomaly

218.6790, -39.0610, -13.4690



Deuteranomaly

219.7100, -40.3460, -6.6980



Tritanomaly

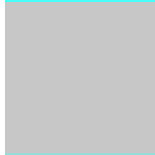
213.0000, -71.0620, -22.7260

Monochromacy



Original Color

199.4140, -108.0590, -40.5630



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.8530, -39.6110, -14.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4140, -108.0590, -40.5630 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(71, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(71, 255, 250)  
}
```

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(71, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 255, 250) }
```

Border

The CSS property to change the border of an element to YIQ 199.4140, -108.0590, -40.5630 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(71, 255, 250) }
```


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

```
.border{ border-color:rgb(71, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(71, 255,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4140, -108.0590, -40.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 255, 250) }
```

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

```
.background{ background-color: rgb(71, 255,  
250) }
```

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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