

Converting Colors

YIQ(179.3900, -91.4570,
-66.1210)

Have a look what the booklet for
YIQ(179.3900, -91.4570, -66.1210)
contains.

YIQ(179.3900, -91.4570, -66.1210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(179.3900, -91.4570,
-66.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	33F7A8
RGB	51, 247, 168
RGB Percent	20%, 97%, 66%
CMY	0.8005, 0.0310, 0.3415
CMYK	0.79, 0.00, 0.32, 0.03
HSL	156°, 93%, 58%
HSV	156°, 79%, 97%
XYZ	41.7052, 70.0965, 48.3401
YIQ	179.3900, -91.4570, -66.1210

Conversions

Conversions Part 2

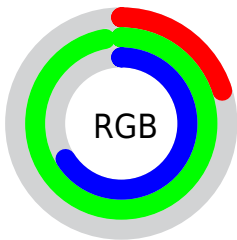
Format	Color
RYB	51, 174, 247
Decimal	3405736
CIELab	87.04, -64.21, 25.09
CIELCh	87, 68.938, 158.658
Yxy	70.0965, 0.2604, 0.4377
Android (android.graphics.Color)	4281595816 (0xFF33F7A8)
YUV	179.3900, -5.6153, -112.5980
Hunter-Lab	83.7236, -57.6002, 24.3739

Details

The YIQ color **179.3900, -91.4570, -66.1210** 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 **118.6100, 91.4570, 66.1210**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.3790, -65.4200, -36.8760**, and **124.1670, -89.2110, -62.7710** is the 20% darker color. If you saturate the color by 10%, you get **170.7750, -103.1470, -74.5310**, and if you desaturate by 10%, it is **188.0050, -79.7670, -57.7110**.

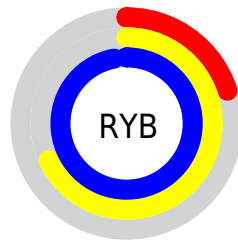
Distribution



Red (20%)

Green (97%)

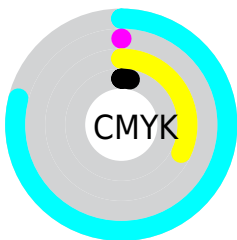
Blue (66%)



Red (20%)

Yellow (68%)

Blue (97%)

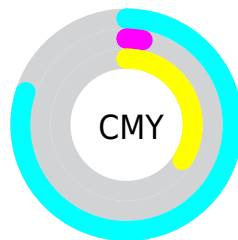


Cyan (79%)

Magenta (0%)

Yellow (32%)

Black (3%)



Cyan (80%)

Magenta (3%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.3900, -91.4570, -66.1210 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 179.3900, -91.4570, -66.1210 by changing the saturation by 10% instead.

■ 179.3900,
-91.4570, -66.1210

■ 179.3900,
-91.4570, -66.1210

■ 255.0000, -0.0000,
-0.0000

■ 144.0400,
-105.2110, -70.1630

■ 213.3790,
-65.4200, -36.8760

■ 124.0530,
-88.8900, -63.0820

■ 226.5520,
-55.0610, -20.8610

■ 104.7670,
-73.1650, -56.2130

■ 236.4620,
-36.9520, -13.1440

■ 86.1820, -58.0360,
-49.5560

■ 245.7310,
-18.4760, -6.5720

■ 67.7110, -43.2280,
-42.5880

■ 50.5280, -29.2910,
-36.3550

■ 33.4590, -15.6750,

-29.8110

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 179.3900,
-91.4570, -66.1210

■ 179.3900,
-91.4570, -66.1210

■ 170.7750,
-103.1470, -74.5310

■ 188.0050,
-79.7670, -57.7110

■ 162.1600,
-114.8370, -82.9410

■ 196.3210,
-68.6730, -49.5130

■ 161.7470,
-115.1120, -83.4640

■ 204.9360,
-56.9830, -41.1030

■ 213.5510,
-45.2930, -32.6930

■ 221.8670,
-34.1990, -24.4950

■ 230.4820,
-22.5090, -16.0850

■ 239.0970,
-10.8190, -7.6750

■ 247.7120, 0.8710,
0.7350

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



201.4070, -1.8700, -54.2380



179.3900, -91.4570, -66.1210



174.2410, -144.7810, -57.8770

Triad

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



179.3900, -91.4570, -66.1210



196.7920, -64.0040, -7.4600



193.6420, 59.7860, 6.8100

Complementary

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



179.3900, -91.4570, -66.1210



118.6100, 91.4570, 66.1210

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.



193.1930, 43.1380, 33.2020



179.3900, -91.4570, -66.1210



216.2140, 12.2820, 30.7300

Square

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



179.3900, -91.4570, -66.1210



168.7760, -147.3050, -45.1690



203.9310, 23.9250, 45.5010



203.1870, 67.3560, -20.2600

Rectangle

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



179.3900, -91.4570, -66.1210



175.8200, -150.6050, -51.4450



203.9310, 23.9250, 45.5010



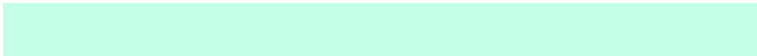
192.4000, 55.0160, 16.1680

Sweetspot

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



179.3900, -91.4570, -66.1210



233.9110, -28.3310, -20.7070



190.5700, -5.0280, -85.1240



115.2270, -17.2370, -12.5090



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.



179.3900, -91.4570, -66.1210



171.4700, -112.7740, -81.7820



179.0040, -112.4160, -33.1840



117.8420, -5.5470, -4.0990



121.8360, -86.7810, -62.7570



38.6230, -27.4600, -19.9720

Inverse Universe

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



118.6100, 91.4570, 66.1210



96.4160, 113.0950, 81.4710



118.9960, 112.4160, 33.1840



114.1580, 5.5470, 4.0990



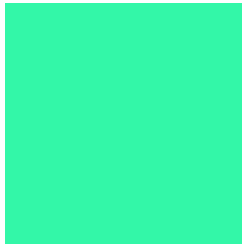
64.1640, 86.7810, 62.7570



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 179.3900, -91.4570, -66.1210 looks on a white background.

Color Contrast Check

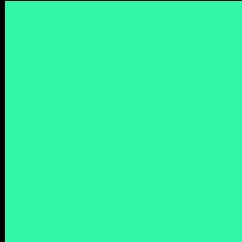
Large Text (above 18pt) WCAG AA × Fail

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 179.3900, -91.4570, -66.1210 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 179.3900, -91.4570, -66.1210 Background



This preview shows how black text looks on a background with the YIQ color 179.3900, -91.4570, -66.1210.



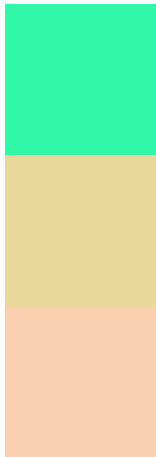
This preview shows how white text looks on a background with the YIQ color 179.3900, -91.4570, -66.1210.

-66.1210.

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

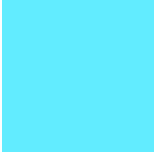
179.3900, -91.4570, -66.1210

Protanopia

214.0150, 30.0340, -15.6780

Deuteranopia

217.0240, 34.9830, -0.7370



Tritanopia

196.9040, -88.3470, -23.3470

Trichromacy



Original Color

179.3900, -91.4570, -66.1210



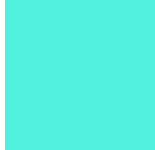
Protanomaly

201.3080, -13.9320, -33.8680



Deuteranomaly

203.3720, -10.8160, -24.2560



Tritanomaly

190.5210, -89.3070, -38.9950

Monochromacy



Original Color

179.3900, -91.4570, -66.1210



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.1660, -33.6030, -24.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3900, -91.4570, -66.1210 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(51, 247, 168)` looks like.

```
.text, #text, p{  
    color:rgb(51, 247, 168)  
}
```

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(51, 247, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 247, 168) }
```

Border

The CSS property to change the border of an element to YIQ 179.3900, -91.4570, -66.1210 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(51, 247, 168) }
```


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

```
.border{ border-color:rgb(51, 247, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 247, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 247, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 247, 168);  
box-shadow:4px 4px 4px 4px rgb(51, 247,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3900, -91.4570, -66.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 247, 168) }
```

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

```
.background{ background-color: rgb(51, 247,  
168) }
```

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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