

Converting Colors

YIQ(193.9380, -94.8550,
-37.5670)

Have a look what the booklet for
YIQ(193.9380, -94.8550, -37.5670)
contains.

YIQ(193.9380, -94.8550, -37.5670)	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(193.9380, -94.8550,
-37.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	50F4EB
RGB	80, 244, 235
RGB Percent	31%, 96%, 92%
CMY	0.6866, 0.0429, 0.0788
CMYK	0.67, 0.00, 0.04, 0.04
HSL	177°, 88%, 64%
HSV	177°, 67%, 96%
XYZ	50.6530, 72.4366, 89.8379
YIQ	193.9380, -94.8550, -37.5670

Conversions

Conversions Part 2

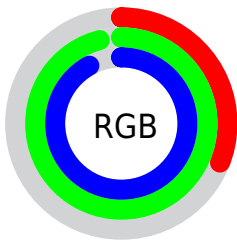
Format	Color
R _{YB}	80, 164, 244
Decimal	5305579
CIE Lab	88.18, -43.67, -7.97
CIE LCh	88, 44.389, 190.339
Yxy	72.4366, 0.2379, 0.3402
Android (android.graphics.Color)	4283495659 (0xFF50F4EB)
YUV	193.9380, 20.2436, -99.9236
Hunter-Lab	85.1097, -42.7079, -3.0070

Details

The YIQ color **193.9380, -94.8550, -37.5670** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **130.0620, 94.8550, 37.5670**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, -63.1760, -22.4720**, and **130.1750, -108.8840, -42.1320** is the 20% darker color. If you saturate the color by 10%, you get **186.6480, -108.8380, -42.9660**, and if you desaturate by 10%, it is **201.2280, -80.8720, -32.1680**.

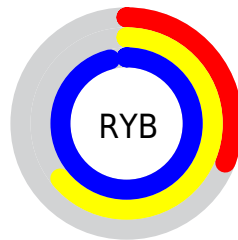
Distribution



Red (31%)

Green (96%)

Blue (92%)



Red (31%)

Yellow (64%)

Blue (96%)

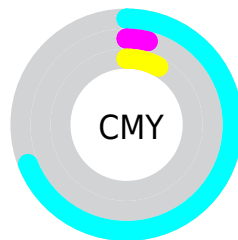


Cyan (67%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (69%)

Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9380, -94.8550, -37.5670 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 193.9380, -94.8550, -37.5670 by changing the saturation by 10% instead.

193.9380,
-94.8550, -37.5670

193.9380,
-94.8550, -37.5670

255.0000, -0.0000,
-0.0000

159.0720,
-107.0960, -41.4960

223.0070,
-63.7720, -22.6840

130.1750,
-108.8840, -42.1320

232.5750,
-44.7000, -15.9000

111.3620,
-93.1130, -36.0970

242.1430,
-25.6280, -9.1160

92.5490, -77.3420,
-30.0620

251.4120, -7.1520,
-2.5440

74.4370, -62.1670,
-24.2390

57.0260, -47.5880,
-18.6280

39.7290, -33.3300,

-12.7060

■ 25.0080, -20.8140,
-8.2540

■ 1.3680, -3.8520,
3.7320

■ 193.9380,
-94.8550, -37.5670

■ 193.9380,
-94.8550, -37.5670

■ 186.6480,
-108.8380, -42.9660

■ 201.2280,
-80.8720, -32.1680

■ 178.9450,
-123.0960, -48.8880

■ 208.9310,
-66.6140, -26.2460

■ 171.6550,
-137.0790, -54.2870

■ 216.2210,
-52.6310, -20.8470

■ 169.4480,
-140.9300, -56.0820

■ 223.8100,
-38.0520, -15.2360

■ 231.2140,
-24.3900, -9.5260

■ 238.5040,
-10.4070, -4.1270

■ 246.0930, 4.1720,
1.4840

■ 247.5170, 5.9140,
2.9540

■ 247.6310, 5.5930,
3.2650

Harmonies

Analogous

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



204.4920, -46.8050, -38.3330



193.9380, -94.8550, -37.5670



186.6830, -115.9460, -35.2900

Triad

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



193.9380, -94.8550, -37.5670



222.6600, 7.7900, 24.0300



215.1160, 48.9230, -11.0850

Complementary

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



193.9380, -94.8550, -37.5670



130.0620, 94.8550, 37.5670

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.



209.8620, 44.4270, 4.3230



193.9380, -94.8550, -37.5670



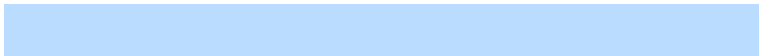
217.5630, 18.6090, 31.7050

Square

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



193.9380, -94.8550, -37.5670



213.5250, -32.0950, 3.4650



210.9000, 33.2370, 19.9010



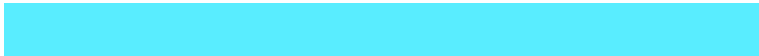
216.7840, 34.7580, -24.2020

Rectangle

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



193.9380, -94.8550, -37.5670



194.8000, -93.9860, -25.7780



210.9000, 33.2370, 19.9010



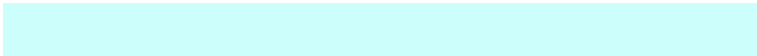
212.9790, 48.0510, -6.2930

Sweetspot

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



193.9380, -94.8550, -37.5670



239.4090, -29.4330, -11.7450



179.5570, -38.5440, -83.4400



118.5030, -17.8340, -7.1940



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.



193.9380, -94.8550, -37.5670



191.7390, -119.5200, -47.6160



153.2870, -78.2190, 2.3650



118.4120, -7.1520, -2.5440



129.2460, -107.6460, -42.5420



40.9030, -33.8800, -13.7520

Inverse Universe

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



130.0620, 94.8550, 37.5670



111.2610, 119.5200, 47.6160



170.7130, 78.2190, -2.3650



113.7020, 6.8310, 2.8550



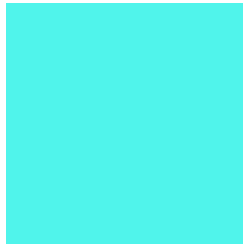
56.7540, 107.6460, 42.5420



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 193.9380, -94.8550, -37.5670 looks on a white background.

Color Contrast Check

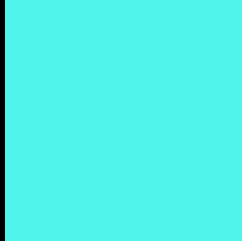
Large Text (above 18pt) WCAG AA × Fail

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 193.9380, -94.8550, -37.5670 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 193.9380, -94.8550, -37.5670 Background



This preview shows how black text looks on a background with the YIQ color 193.9380, -94.8550, -37.5670.



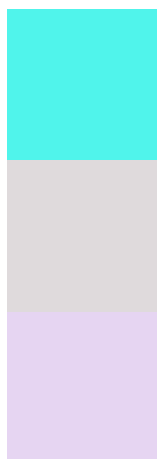
This preview shows how white text looks on a background with the YIQ color 193.9380, -94.8550, -37.5670.

-37.5670.

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

193.9380, -94.8550, -37.5670

Protanopia

219.7230, 2.3380, 1.6820

Deuteranopia

221.3890, 0.8230, 12.6230



Tritanopia

204.3570, -76.3810, -19.9410

Trichromacy



Original Color

193.9380, -94.8550, -37.5670



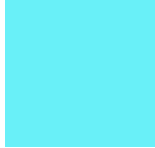
Protanomaly

210.0280, -32.7340, -12.4940



Deuteranomaly

211.0590, -34.0190, -5.7230



Tritanomaly

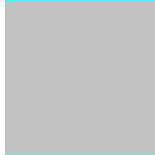
200.5470, -83.0280, -26.1320

Monochromacy



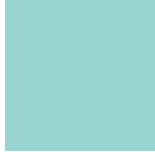
Original Color

193.9380, -94.8550, -37.5670



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.0170, -34.2010, -13.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9380, -94.8550, -37.5670 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(80, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(80, 244, 235)  
}
```

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(80, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 244, 235) }
```

Border

The CSS property to change the border of an element to YIQ 193.9380, -94.8550, -37.5670 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(80, 244, 235) }
```


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

```
.border{ border-color:rgb(80, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(80, 244,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9380, -94.8550, -37.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 244, 235) }
```

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

```
.background{ background-color: rgb(80, 244,  
235) }
```

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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