

Converting Colors

YIQ(194.1360, -103.9800,
-31.8840)

Have a look what the booklet for
YIQ(194.1360, -103.9800, -31.8840)
contains.

YIQ(194.1360, -103.9800, -31.8840)	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(194.1360, -103.9800,
-31.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	4BF3FF
RGB	75, 243, 255
RGB Percent	29%, 95%, 100%
CMY	0.7062, 0.0468, 0.0004
CMYK	0.71, 0.05, 0.00, 0.00
HSL	184°, 100%, 65%
HSV	184°, 71%, 100%
XYZ	52.9983, 72.8484, 105.7848
YIQ	194.1360, -103.9800, -31.8840

Conversions

Conversions Part 2

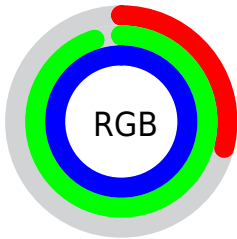
Format	Color
R_{YB}	75, 162, 255
Decimal	4977663
CIE _{Lab}	88.38, -38.35, -18.13
CIE _{LCh}	88, 42.423, 205.296
Yxy	72.8484, 0.2288, 0.3145
Android (android.graphics.Color)	4283167743 (0xFF4BF3FF)
YUV	194.1360, 30.0060, -104.4823
Hunter-Lab	85.3513, -38.5264, -13.7384

Details

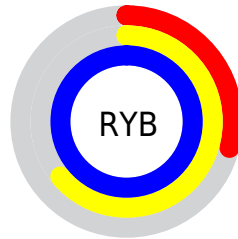
The YIQ color **194.1360, -103.9800, -31.8840** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **135.8640, 103.9800, 31.8840**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, -64.3680, -22.8960**, and **131.7540, -114.7080, -35.7000** is the 20% darker color. If you saturate the color by 10%, you get **185.1880, -118.9260, -36.3500**, and if you desaturate by 10%, it is **202.7850, -89.6300, -27.6300**.

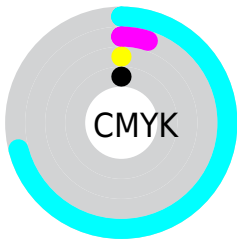
Distribution



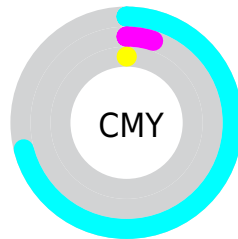
- Red (29%)
- Green (95%)
- Blue (100%)



- Red (29%)
- Yellow (64%)
- Blue (100%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1360, -103.9800, -31.8840 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 194.1360, -103.9800, -31.8840 by changing the saturation by 10% instead.

194.1360,
-103.9800, -31.8840

194.1360,
-103.9800, -31.8840

255.0000, -0.0000,
-0.0000

154.6710,
-124.8400, -39.3040

222.7080,
-64.3680, -22.8960

131.7540,
-114.7080, -35.7000

232.2760,
-45.2960, -16.1120

112.8270,
-98.6160, -29.9760

241.8440,
-26.2240, -9.3280

93.9000, -82.5240,
-24.2520

251.4120, -7.1520,
-2.5440

76.3750, -67.6240,
-18.9520

58.8500, -52.7240,
-13.6520

42.0260, -38.4200,

-8.5640

■ 27.1910, -25.5830,
-4.4230

■ 3.7790, -9.2630,
8.1850

■ 194.1360,
-103.9800, -31.8840

■ 194.1360,
-103.9800, -31.8840

■ 185.1880,
-118.9260, -36.3500

■ 202.7850,
-89.6300, -27.6300

■ 177.1260,
-133.5510, -41.1270

■ 211.1460,
-74.4090, -22.6410

■ 168.7760,
-147.3050, -45.1690

■ 219.7950,
-60.0590, -18.3870

■ 228.7430,
-45.1130, -13.9210

■ 236.8050,
-30.4880, -9.1440

■ 245.7530,
-15.5420, -4.6780

■ 254.4020, -1.1920,
-0.4240

■ 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.



201.7210, -66.3830, -35.9430



194.1360, -103.9800, -31.8840



196.5830, -91.8770, -25.4530

Triad

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



194.1360, -103.9800, -31.8840



222.7150, 15.1250, 28.7650



219.6980, 47.0440, -15.5800

Complementary

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



194.1360, -103.9800, -31.8840



135.8640, 103.9800, 31.8840

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.



213.3040, 45.7580, -3.2820



194.1360, -103.9800, -31.8840



214.5820, 25.6250, 25.6970

Square

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



194.1360, -103.9800, -31.8840



219.8700, -10.7770, 13.5990



211.0820, 38.2360, 11.9000



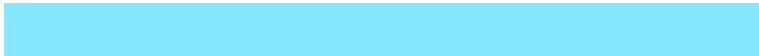
215.8680, 16.7860, -28.8940

Rectangle

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



194.1360, -103.9800, -31.8840



205.0210, -66.3870, -13.8350



211.0820, 38.2360, 11.9000



217.1050, 47.4560, -12.0320

Sweetspot

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



194.1360, -103.9800, -31.8840



236.5060, -31.0840, -9.3560



181.6860, -52.3890, -91.3410



116.6710, -18.2470, -5.2150



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.



194.1360, -103.9800, -31.8840



181.8990, -125.4820, -38.6820



143.0670, -80.0550, 13.6170



123.5260, -7.4730, -2.2330



126.8470, -110.5360, -34.2160



42.5160, -37.0440, -11.4760

Inverse Universe

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



147.9720, 53.3520, 90.4080



126.0250, 64.1690, 109.1370



186.9330, 80.0550, -13.6170



120.2550, 3.8960, 6.4880



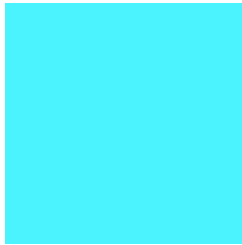
77.5150, 56.3770, 96.1610



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 194.1360, -103.9800, -31.8840 looks on a white background.

Color Contrast Check

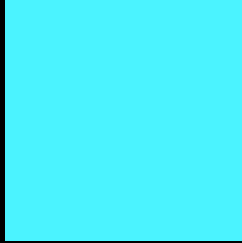
Large Text (above 18pt) WCAG AA × Fail

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 194.1360, -103.9800, -31.8840 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

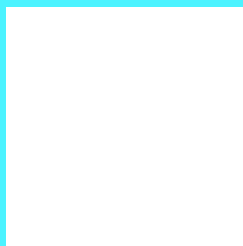
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 194.1360, -103.9800, -31.8840 Background



This preview shows how black text looks on a background with the YIQ color 194.1360, -103.9800, -31.8840.



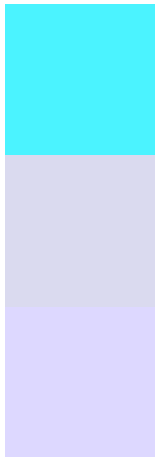
This preview shows how white text looks on a background with the YIQ color 194.1360, -103.9800, -31.8840.

-31.8840.

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

194.1360, -103.9800, -31.8840

Protanopia

220.3940, -6.7410, 6.5310

Deuteranopia

221.9410, -9.5390, 13.1890



Tritanopia

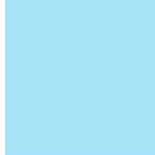
204.3570, -76.3810, -19.9410

Trichromacy



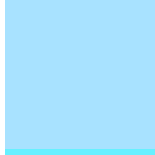
Original Color

194.1360, -103.9800, -31.8840



Protanomaly

210.8130, -42.1340, -7.3340



Deuteranomaly

211.9640, -43.8770, -3.2770



Tritanomaly

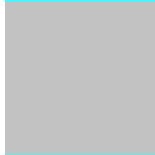
200.7470, -86.4670, -24.3790

Monochromacy



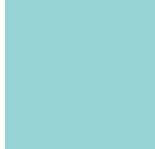
Original Color

194.1360, -103.9800, -31.8840



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.2170, -37.6400, -11.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1360, -103.9800, -31.8840 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(75, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 243, 255)  
}
```

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(75, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 243, 255) }
```

Border

The CSS property to change the border of an element to YIQ 194.1360, -103.9800, -31.8840 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(75, 243, 255) }
```


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

```
.border{ border-color:rgb(75, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1360, -103.9800, -31.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 243, 255) }
```

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

```
.background{ background-color: rgb(75, 243,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor