

Converting Colors

YIQ(197.2330, -88.4360,
-38.2600)

Have a look what the booklet for
YIQ(197.2330, -88.4360, -38.2600)
contains.

YIQ(197.2330, -88.4360, -38.2600)	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(197.2330, -88.4360,
-38.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	59F6E6
RGB	89, 246, 230
RGB Percent	35%, 96%, 90%
CMY	0.6513, 0.0350, 0.0984
CMYK	0.64, 0.00, 0.07, 0.04
HSL	174°, 90%, 66%
HSV	174°, 64%, 96%
XYZ	51.3571, 73.7790, 86.3333
YIQ	197.2330, -88.4360, -38.2600

Conversions

Conversions Part 2

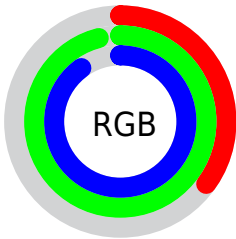
Format	Color
R _{YB}	89, 172, 246
Decimal	5895910
CIE Lab	88.82, -44.55, -4.39
CIE LCh	89, 44.771, 185.630
Yxy	73.7790, 0.2429, 0.3489
Android (android.graphics.Color)	4284085990 (0xFF59F6E6)
YUV	197.2330, 16.1541, -94.9203
Hunter-Lab	85.8947, -43.5893, 0.5335

Details

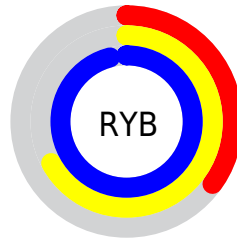
The YIQ color **197.2330, -88.4360, -38.2600** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **137.7670, 88.4360, 38.2600**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.1000, -59.6000, -21.2000**, and **130.8930, -108.1500, -44.4220** is the 20% darker color. If you saturate the color by 10%, you get **189.4160, -102.3730, -44.4930**, and if you desaturate by 10%, it is **204.9360, -74.1780, -32.3380**.

Distribution



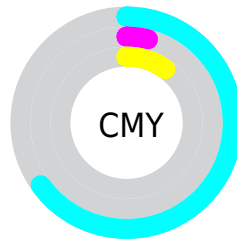
- Red (35%)
- Green (96%)
- Blue (90%)



- Red (35%)
- Yellow (67%)
- Blue (96%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (65%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2330, -88.4360, -38.2600 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 197.2330, -88.4360, -38.2600 by changing the saturation by 10% instead.

■ 197.2330,
-88.4360, -38.2600

■ 197.2330,
-88.4360, -38.2600

■ 255.0000, -0.0000,
-0.0000

■ 164.7590,
-95.9090, -40.4930

■ 225.1000,
-59.6000, -21.2000

■ 130.7790,
-107.8290, -44.7330

■ 234.3690,
-41.1240, -14.6280

■ 111.3790,
-91.7830, -38.1750

■ 243.6380,
-22.6480, -8.0560

■ 93.1530, -76.2870,
-32.6630

■ 252.9070, -4.1720,
-1.4840

■ 75.0410, -61.1120,
-26.8400

■ 57.1570, -46.5790,
-20.3950

■ 40.4470, -32.5960,

-14.9960

■ 25.7260, -20.0800,
-10.5440

■ 0.6840, -1.9260,
1.8660

■ 197.2330,
-88.4360, -38.2600

■ 197.2330,
-88.4360, -38.2600

■ 189.4160,
-102.3730, -44.4930

■ 204.9360,
-74.1780, -32.3380

■ 182.0120,
-116.0350, -50.2030

■ 212.4540,
-60.8370, -26.3170

■ 174.1950,
-129.9720, -56.4360

■ 220.2710,
-46.9000, -20.0840

■ 169.5960,
-138.5910, -59.9270

■ 227.6750,
-33.2380, -14.3740

235.4920,
-19.3010, -8.1410

243.1950, -5.0430,
-2.2190

248.9190, 4.7220,
2.5300

249.1470, 4.0800,
3.1520

249.4890, 3.1170,
4.0850

Harmonies

Analogous

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



207.4990, -39.5150, -38.2910



197.2330, -88.4360, -38.2600



187.2480, -119.1550, -37.7070

Triad

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



197.2330, -88.4360, -38.2600



223.2140, 3.1140, 20.6660



214.9850, 47.9140, -9.3180

Complementary

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



197.2330, -88.4360, -38.2600



137.7670, 88.4360, 38.2600

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.



210.6600, 42.1800, 6.5000



197.2330, -88.4360, -38.2600



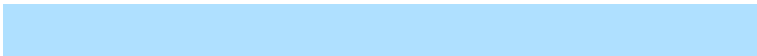
219.7800, 16.5000, 31.3800

Square

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



197.2330, -88.4360, -38.2600



212.8830, -39.1550, -0.7470



212.3990, 30.3940, 21.8660



219.4750, 40.1220, -22.2940

Rectangle

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



197.2330, -88.4360, -38.2600



193.5710, -100.7710, -29.4670



212.3990, 30.3940, 21.8660



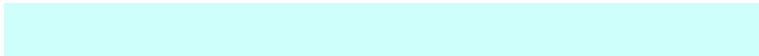
213.5490, 46.4460, -4.7380

Sweetspot

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



197.2330, -88.4360, -38.2600



240.0780, -27.0030, -11.7310



186.5410, -32.4470, -78.2950



118.5740, -16.5960, -7.6040



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.



197.2330, -88.4360, -38.2600



194.1160, -110.3960, -47.7720



163.8370, -77.0720, -1.9040



118.2980, -6.8310, -2.8550



128.2200, -104.7570, -45.3410



40.6750, -33.2380, -14.3740

Inverse Universe

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



137.7670, 88.4360, 38.2600



119.8840, 110.3960, 47.7720



171.1630, 77.0720, 1.9040



113.7020, 6.8310, 2.8550



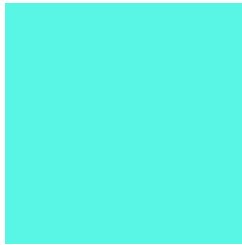
57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Previews

White Background



This preview shows how the YIQ color 197.2330, -88.4360, -38.2600 looks on a white background.

Color Contrast Check

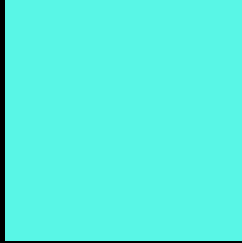
Large Text (above 18pt) WCAG AA × Fail

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 197.2330, -88.4360, -38.2600 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

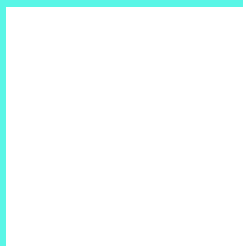
Any Text WCAG AAA ✓ Pass

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

YIQ 197.2330, -88.4360, -38.2600 Background



This preview shows how black text looks on a background with the YIQ color 197.2330, -88.4360, -38.2600.



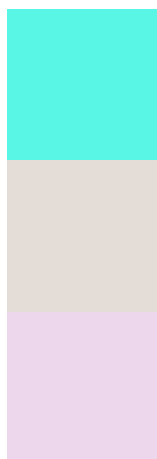
This preview shows how white text looks on a background with the YIQ color 197.2330, -88.4360, -38.2600.

-38.2600.

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

197.2330, -88.4360, -38.2600

Protanopia

221.5230, 5.7770, -0.0710

Deuteranopia

223.7870, 5.4540, 11.2940



Tritanopia

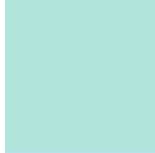
208.2440, -68.6330, -17.1850

Trichromacy



Original Color

197.2330, -88.4360, -38.2600



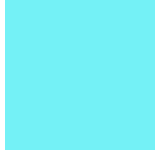
Protanomaly

212.4260, -28.1030, -13.8230



Deuteranomaly

214.0550, -28.1960, -6.6280



Tritanomaly

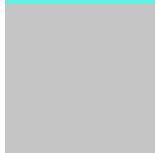
204.1950, -76.1050, -24.9450

Monochromacy



Original Color

197.2330, -88.4360, -38.2600



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.2730, -32.0460, -13.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2330, -88.4360, -38.2600 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(89, 246, 230)` looks like.

```
.text, #text, p{  
    color:rgb(89, 246, 230)  
}
```

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(89, 246, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 246, 230) }
```

Border

The CSS property to change the border of an element to YIQ 197.2330, -88.4360, -38.2600 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(89, 246, 230) }
```


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

```
.border{ border-color:rgb(89, 246, 230) }
```

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

Here you see how a box with a 4 pixel rgb(89, 246, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 246, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 246, 230);  
box-shadow:4px 4px 4px 4px rgb(89, 246,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2330, -88.4360, -38.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 246, 230) }
```

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

```
.background{ background-color: rgb(89, 246,  
230) }
```

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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