

Converting Colors

YIQ(137.1140, -79.4100,
-3.5860)

Have a look what the booklet for
YIQ(137.1140, -79.4100, -3.5860)
contains.

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Color

**YIQ(137.1140, -79.4100,
-3.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	3BA1DB
RGB	59, 161, 219
RGB Percent	23%, 63%, 86%
CMY	0.7688, 0.3685, 0.1415
CMYK	0.73, 0.26, 0.00, 0.14
HSL	202°, 69%, 54%
HSV	202°, 73%, 86%
XYZ	27.3270, 31.5426, 71.6025
YIQ	137.1140, -79.4100, -3.5860

Conversions

Conversions Part 2

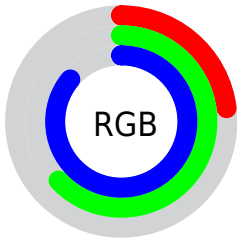
Format	Color
R _Y B	59, 121, 219
Decimal	3908059
CIE Lab	62.96, -10.35, -37.78
CIE LCh	63, 39.171, 254.675
Yxy	31.5426, 0.2094, 0.2418
Android (android.graphics.Color)	4282098139 (0xFF3BA1DB)
YUV	137.1140, 40.3698, -68.5060
Hunter-Lab	56.1628, -11.4326, -36.2754

Details

The YIQ color **137.1140, -79.4100, -3.5860** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **140.8860, 79.4100, 3.5860**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5360, -66.1590, -6.9510**, and **83.2660, -82.8940, -6.5260** is the 20% darker color. If you saturate the color by 10%, you get **125.8400, -90.3220, -4.0660**, and if you desaturate by 10%, it is **148.3880, -68.4980, -3.1060**.

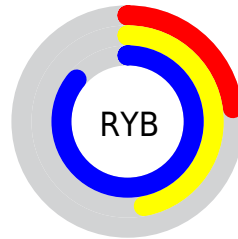
Distribution



Red (23%)

Green (63%)

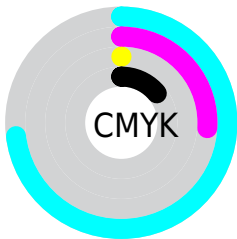
Blue (86%)



Red (23%)

Yellow (47%)

Blue (86%)

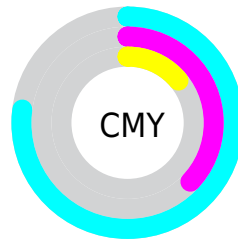


Cyan (73%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (77%)

Magenta (37%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1140, -79.4100, -3.5860 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 137.1140, -79.4100, -3.5860 by changing the saturation by 10% instead.

■ 137.1140,
-79.4100, -3.5860

■ 137.1140,
-79.4100, -3.5860

■ 255.0000, -0.0000,
-0.0000

■ 101.0190,
-98.4360, -11.2040

■ 193.5360,
-66.1590, -6.9510

■ 83.2660, -82.8940,
-6.5260

■ 218.9420,
-55.9790, -15.2350

■ 65.5130, -67.3520,
-1.8480

■ 234.6680,
-40.5280, -14.4160

■ 49.0480, -52.6810,
2.0950

■ 243.6380,
-22.6480, -8.0560

■ 33.9850, -39.2020,
5.6140

■ 252.9070, -4.1720,
-1.4840

■ 19.5090, -25.9980,
8.6100

■ 6.4350, -13.9860,

11.1820

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 137.1140,
-79.4100, -3.5860

■ 137.1140,
-79.4100, -3.5860

■ 125.8400,
-90.3220, -4.0660

■ 148.3880,
-68.4980, -3.1060

■ 114.5660,
-101.2340, -4.5460

■ 159.6620,
-57.5860, -2.6260

■ 107.1460,
-108.7990, -5.1110

■ 170.9360,
-46.6740, -2.1460

■ 182.2100,
-35.7620, -1.6660

■ 193.1850,
-25.4460, -1.3980

■ 204.4590,
-14.5340, -0.9180

■ 215.1460, -3.3470,
0.0850

■ 226.4200, 7.5650,
0.5650

■ 237.3950, 17.8810,
0.8330

Harmonies

Analogous

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



121.4160, -110.4000, -25.6640



137.1140, -79.4100, -3.5860



151.4020, -35.5820, 17.1060

Triad

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



137.1140, -79.4100, -3.5860



154.6590, 53.0890, 23.5610



143.3630, -6.5970, -29.1330

Complementary

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



137.1140, -79.4100, -3.5860



140.8860, 79.4100, 3.5860

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.



148.2760, 24.6250, -22.2790



137.1140, -79.4100, -3.5860



152.8420, 56.3470, 8.5630

Square

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



137.1140, -79.4100, -3.5860



156.3490, 33.8310, 31.1670



151.0280, 46.3550, -8.5970



135.5940, -46.8520, -31.9720

Rectangle

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



137.1140, -79.4100, -3.5860



155.4440, -9.0370, 26.1230



151.0280, 46.3550, -8.5970



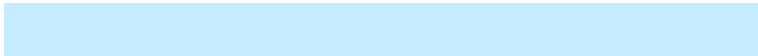
145.2780, 3.9480, -27.5080

Sweetspot

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



137.1140, -79.4100, -3.5860



226.5160, -27.8760, -1.4120



159.3040, -61.9760, -66.2640



110.7900, -16.9640, -0.9320



0.0000, 0.0000, 0.0000



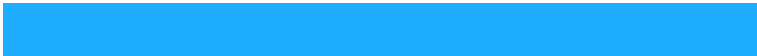
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.1140, -79.4100, -3.5860



140.4770, -111.2290, -5.1250



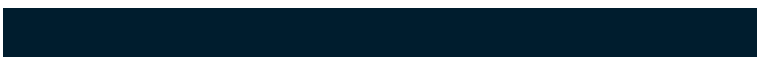
91.3280, -57.9600, 37.2080



104.3630, -5.4560, -0.2400



84.8790, -86.0580, -4.2500



22.2670, -22.7410, -0.8610

Inverse Universe

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



118.4680, 62.6180, 65.6420



114.2780, 87.6010, 91.9610



186.6720, 57.9600, -37.2080



103.0870, 4.3090, 4.5090



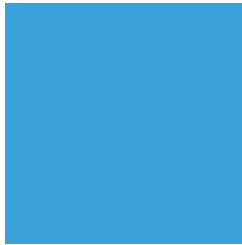
64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 137.1140, -79.4100, -3.5860 looks on a white background.

Color Contrast Check

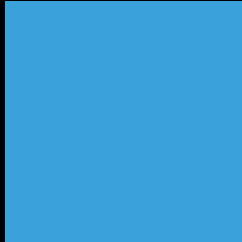
Large Text (above 18pt) WCAG AA × Fail

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 137.1140, -79.4100, -3.5860 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 137.1140, -79.4100, -3.5860

Background



This preview shows how black text looks on a background with the YIQ color 137.1140, -79.4100, -3.5860.



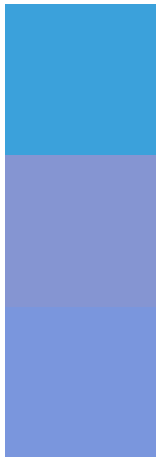
This preview shows how white text looks on a background with the YIQ color 137.1140, -79.4100, -3.5860.

-3.5860.

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

137.1140, -79.4100, -3.5860

Protanopia

151.1700, -29.1170, 15.5790

Deuteranopia

149.7220, -39.4790, 16.1450



Tritanopia

125.9420, -91.5100, -26.5980

Trichromacy



Original Color

137.1140, -79.4100, -3.5860

Protanomaly

145.7870, -47.2720, 8.6960

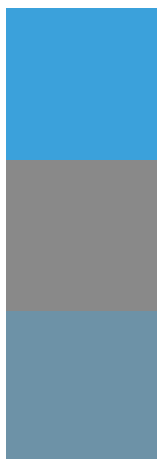
Deuteranomaly

145.0790, -53.9660, 8.8660

Tritanomaly

129.5500, -87.1100, -18.2300

Monochromacy



Original Color

137.1140, -79.4100, -3.5860

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3310, -28.7930, -1.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1140, -79.4100, -3.5860 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(59, 161, 219)` looks like.

```
.text, #text, p{  
    color:rgb(59, 161, 219)  
}
```

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(59, 161, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 161, 219) }
```

Border

The CSS property to change the border of an element to YIQ 137.1140, -79.4100, -3.5860 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(59, 161, 219) }
```


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

```
.border{ border-color:rgb(59, 161, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 161, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 161, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 161, 219);  
box-shadow:4px 4px 4px 4px rgb(59, 161,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1140, -79.4100, -3.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 161, 219) }
```

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

```
.background{ background-color: rgb(59, 161,  
219) }
```

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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