

Converting Colors

YIQ(137.1620, -79.3650, 1.1070)

Have a look what the booklet for
YIQ(137.1620, -79.3650, 1.1070)
contains.

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Color

**YIQ(137.1620, -79.3650,
1.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9EE3
RGB	62, 158, 227
RGB Percent	24%, 62%, 89%
CMY	0.7570, 0.3802, 0.1102
CMYK	0.73, 0.30, 0.00, 0.11
HSL	205°, 75%, 57%
HSV	205°, 73%, 89%
XYZ	28.0696, 31.0310, 77.1152
YIQ	137.1620, -79.3650, 1.1070

Conversions

Conversions Part 2

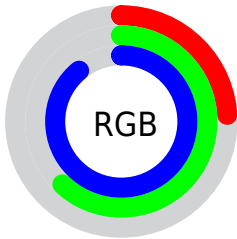
Format	Color
R _{YB}	62, 123, 227
Decimal	4103907
CIE _{Lab}	62.53, -5.54, -42.87
CIE _{LCh}	63, 43.228, 262.637
Y _{xy}	31.0310, 0.2061, 0.2278
Android (android.graphics.Color)	4282293987 (0xFF3E9EE3)
YUV	137.1620, 44.2901, -65.9171
Hunter-Lab	55.7055, -7.5398, -43.0836

Details

The YIQ color **137.1620, -79.3650, 1.1070** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **151.8380, 79.3650, -1.1070**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0850, -63.2710, -4.2230**, and **82.3030, -84.3160, -2.7800** is the 20% darker color. If you saturate the color by 10%, you get **125.0020, -90.5980, 0.9380**, and if you desaturate by 10%, it is **149.9090, -68.4070, 0.7530**.

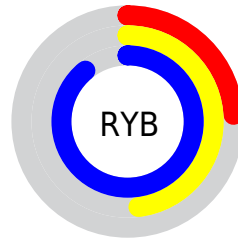
Distribution



Red (24%)

Green (62%)

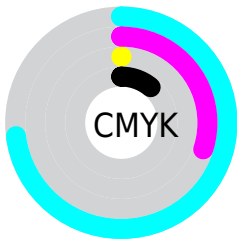
Blue (89%)



Red (24%)

Yellow (48%)

Blue (89%)

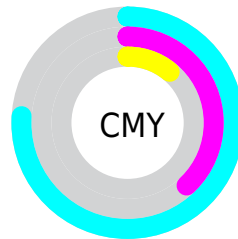


Cyan (73%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (76%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1620, -79.3650, 1.1070 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 137.1620, -79.3650, 1.1070 by changing the saturation by 10% instead.

■ 137.1620,
-79.3650, 1.1070

■ 137.1620,
-79.3650, 1.1070

■ 255.0000, -0.0000,
-0.0000

■ 100.1700,
-100.1790, -7.1470

■ 192.0850,
-63.2710, -4.2230

■ 82.3030, -84.3160,
-2.7800

■ 218.3770,
-52.7700, -12.8180

■ 65.1370, -69.0490,
1.3750

■ 235.5650,
-38.7400, -13.7800

■ 48.6720, -54.3780,
5.3180

■ 244.5350,
-20.8600, -7.4200

■ 33.4950, -40.5780,
8.5260

■ 253.8040, -2.3840,
-0.8480

■ 19.0190, -27.3740,
11.5220

■ 7.5920, -15.8660,

12.2140

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 137.1620,
-79.3650, 1.1070

■ 137.1620,
-79.3650, 1.1070

■ 125.0020,
-90.5980, 0.9380

■ 149.9090,
-68.4070, 0.7530

■ 112.5540,
-100.9600, 1.5040

■ 161.7700,
-57.7700, 0.7100

■ 103.3620,
-109.1670, 1.5610

■ 173.9300,
-46.5370, 0.8790

■ 186.6770,
-35.5790, 0.5250

■ 198.5380,
-24.9420, 0.4820

■ 211.2850,
-13.9840, 0.1280

■ 223.4450, -2.7510,
0.2970

■ 235.8930, 7.6110,
-0.2690

■ 244.7640, 12.2880,
-2.4320

Harmonies

Analogous

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



122.0830, -113.6560, -21.7200



137.1620, -79.3650, 1.1070



152.2830, -27.6970, 22.8870

Triad

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



137.1620, -79.3650, 1.1070



152.1390, 60.4250, 22.7690



139.0840, -19.1130, -33.5850

Complementary

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



137.1620, -79.3650, 1.1070



151.8380, 79.3650, -1.1070

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.



145.2920, 18.5280, -27.4240



137.1620, -79.3650, 1.1070



150.9470, 60.2450, 3.9970

Square

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



137.1620, -79.3650, 1.1070



154.0900, 44.9260, 33.8380



148.8550, 45.1640, -14.5480



123.8230, -75.5980, -39.6460

Rectangle

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



137.1620, -79.3650, 1.1070



155.5810, 1.0030, 31.3950



148.8550, 45.1640, -14.5480



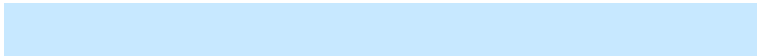
141.5540, -5.8170, -32.2570

Sweetspot

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



137.1620, -79.3650, 1.1070



224.7550, -27.0510, 0.1570



166.7210, -67.5240, -64.8360



109.6160, -16.4140, 0.1140



0.0000, 0.0000, 0.0000



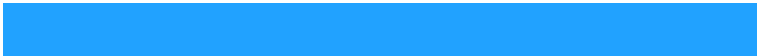
128.0000, -0.0000, -0.0000

Same Dimension

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



137.1620, -79.3650, 1.1070



134.0310, -106.7370, 1.5750



89.0280, -56.8150, 43.9930



106.3630, -5.4560, -0.2400



79.9380, -84.5460, 1.3900



21.9080, -23.1080, 0.2840

Inverse Universe

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



122.2790, 67.5240, 64.8360



114.0840, 90.9030, 87.1830



199.9720, 56.8150, -43.9930



105.0870, 4.3090, 4.5090



64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 137.1620, -79.3650, 1.1070 looks on a white background.

Color Contrast Check

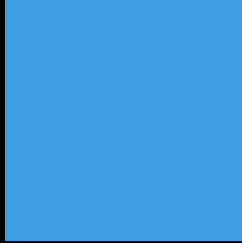
Large Text (above 18pt) WCAG AA × Fail

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 137.1620, -79.3650, 1.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

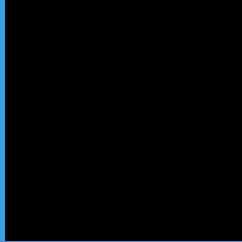
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

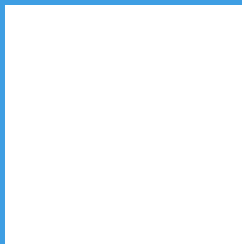
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.1620, -79.3650, 1.1070

Background



This preview shows how black text looks on a background with the YIQ color 137.1620, -79.3650, 1.1070.

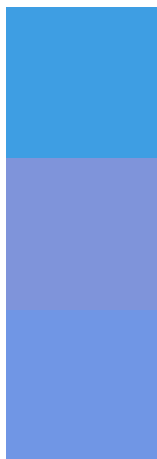


This preview shows how white text looks on a background with the YIQ color 137.1620, -79.3650,

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

137.1620, -79.3650, 1.1070

Protanopia

149.7010, -34.9860, 17.3180

Deuteranopia

147.6440, -48.0070, 16.5130



Tritanopia

118.6630, -104.0260, -31.0500

Trichromacy



Original Color

137.1620, -79.3650, 1.1070

Protanomaly

145.2150, -51.3530, 11.0710

Deuteranomaly

143.9090, -59.2390, 10.8170

Tritanomaly

125.7170, -94.9500, -19.3180

Monochromacy



Original Color

137.1620, -79.3650, 1.1070

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3850, -28.8850, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1620, -79.3650, 1.1070 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(62, 158, 227)` looks like.

```
.text, #text, p{  
    color:rgb(62, 158, 227)  
}
```

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(62, 158, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 158, 227) }
```

Border

The CSS property to change the border of an element to YIQ 137.1620, -79.3650, 1.1070 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(62, 158, 227) }
```


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

```
.border{ border-color:rgb(62, 158, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 158, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 158, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 158, 227);  
box-shadow:4px 4px 4px 4px rgb(62, 158,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1620, -79.3650, 1.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 158, 227) }
```

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

```
.background{ background-color: rgb(62, 158,  
227) }
```

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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