

Converting Colors

YIQ(137.8820, -64.9180,
-23.9420)

Have a look what the booklet for
YIQ(137.8820, -64.9180, -23.9420)
contains.

YIQ(137.8820, -64.9180, -23.9420)	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(137.8820, -64.9180,
-23.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	3DABA9
RGB	61, 171, 169
RGB Percent	24%, 67%, 66%
CMY	0.7610, 0.3292, 0.3375
CMYK	0.64, 0.00, 0.01, 0.33
HSL	179°, 47%, 45%
HSV	179°, 64%, 67%
XYZ	23.6473, 32.9954, 42.6264
YIQ	137.8820, -64.9180, -23.9420

Conversions

Conversions Part 2

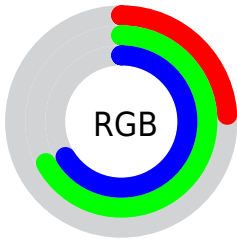
Format	Color
RYB	61, 117, 171
Decimal	4041641
CIELab	64.16, -31.03, -8.11
CIELCh	64, 32.073, 194.640
Yxy	32.9954, 0.2382, 0.3324
Android (android.graphics.Color)	4282231721 (0xFF3DABA9)
YUV	137.8820, 15.3412, -67.4255
Hunter-Lab	57.4416, -27.0388, -3.7889

Details

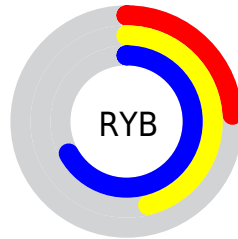
The YIQ color **137.8820, -64.9180, -23.9420** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.1180, 64.9180, 23.9420**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.2630, -61.6170, -23.1930**, and **82.6040, -70.0070, -25.3270** is the 20% darker color. If you saturate the color by 10%, you get **132.7990, -75.0500, -27.5460**, and if you desaturate by 10%, it is **142.9650, -54.7860, -20.3380**.

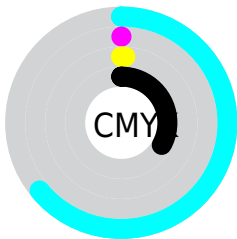
Distribution



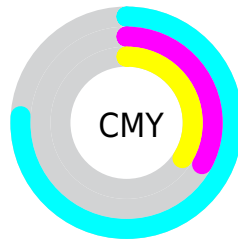
- Red (24%)
- Green (67%)
- Blue (66%)



- Red (24%)
- Yellow (46%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8820, -64.9180, -23.9420 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 137.8820, -64.9180, -23.9420 by changing the saturation by 10% instead.

■ 137.8820,
-64.9180, -23.9420

■ 137.8820,
-64.9180, -23.9420

■ 255.0000, -0.0000,
-0.0000

■ 106.5110,
-74.1790, -26.8110

■ 195.2630,
-61.6170, -23.1930

■ 82.6040, -70.0070,
-25.3270

■ 223.6760,
-61.3420, -22.6700

■ 65.0790, -55.1070,
-20.0270

■ 232.5750,
-44.7000, -15.9000

■ 48.3690, -41.1240,
-14.6280

■ 241.5450,
-26.8200, -9.5400

■ 32.3600, -27.7370,
-9.4410

■ 250.5150, -8.9400,
-3.1800

■ 17.0520, -14.9460,
-4.4660

■ 0.0000, 0.0000,

0.0000

■ 137.8820,
-64.9180, -23.9420

■ 137.8820,
-64.9180, -23.9420

■ 132.7990,
-75.0500, -27.5460

■ 142.9650,
-54.7860, -20.3380

■ 127.6020,
-84.8610, -31.4610

■ 148.1620,
-44.9750, -16.4230

■ 122.5190,
-94.9930, -35.0650

■ 153.2450,
-34.8430, -12.8190

■ 119.5290,
-100.9530, -37.1850

■ 158.3280,
-24.7110, -9.2150

■ 163.5250,
-14.9000, -5.3000

■ 168.9070, -4.1720,
-1.4840

■ 173.9900, 5.9600,
2.1200

■ 179.1870, 15.7710,
6.0350

■ 184.2700, 25.9030,
9.6390

Harmonies

Analogous

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



143.7420, -35.3450, -25.7530



137.8820, -64.9180, -23.9420



138.1770, -75.6940, -15.8700

Triad

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



137.8820, -64.9180, -23.9420



159.2080, 3.2510, 23.6910



155.1890, 38.6520, -6.6600

Complementary

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



137.8820, -64.9180, -23.9420



94.1180, 64.9180, 23.9420

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.



156.5250, 46.9940, 7.3620



137.8820, -64.9180, -23.9420



159.1370, 28.3760, 25.4000

Square

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



137.8820, -64.9180, -23.9420



155.1270, -27.5580, 14.8580



158.2340, 43.9200, 19.0240



152.1710, 20.7270, -17.7130

Rectangle

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



137.8820, -64.9180, -23.9420



143.6610, -65.0130, -5.6930



158.2340, 43.9200, 19.0240



155.2760, 42.9610, -2.1510

Sweetspot

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



137.8820, -64.9180, -23.9420



209.3280, -24.7110, -9.2150



126.7660, -27.8660, -56.6820



104.2260, -15.4960, -5.5120



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



137.8820, -64.9180, -23.9420



170.5290, -100.9530, -37.1850



108.1730, -51.5350, 3.3530



84.3090, -5.3640, -1.9080



104.9220, -88.7580, -32.4220



16.1230, -13.7080, -4.8760

Inverse Universe

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



94.1180, 64.9180, 23.9420



102.4710, 100.9530, 37.1850



123.8270, 51.5350, -3.3530



80.6910, 5.3640, 1.9080



45.1920, 88.4370, 32.7330



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 137.8820, -64.9180, -23.9420 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 137.8820, -64.9180, -23.9420 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

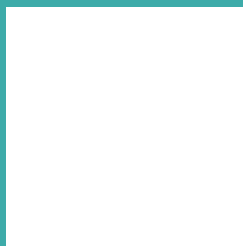
Any Text WCAG AAA ✓ Pass

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

YIQ 137.8820, -64.9180, -23.9420 Background



This preview shows how black text looks on a background with the YIQ color 137.8820, -64.9180, -23.9420.



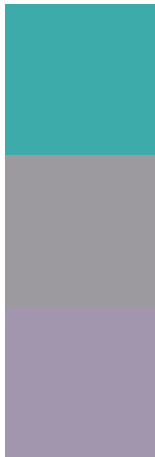
This preview shows how white text looks on a background with the YIQ color 137.8820, -64.9180, -23.9420.

-23.9420.

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

137.8820, -64.9180, -23.9420

Protanopia

155.0540, -0.0920, 1.6680

Deuteranopia

155.9110, -0.8270, 9.4850



Tritanopia

140.3970, -64.6900, -17.0580

Trichromacy



Original Color

137.8820, -64.9180, -23.9420

Protanomaly

148.5670, -23.8860, -7.6460

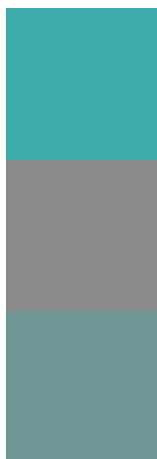
Deuteranomaly

149.7290, -24.1620, -2.6420

Tritanomaly

139.5170, -65.1480, -19.7720

Monochromacy



Original Color

137.8820, -64.9180, -23.9420

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9260, -23.5190, -8.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8820, -64.9180, -23.9420 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(61, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(61, 171, 169)  
}
```

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(61, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 171, 169) }
```

Border

The CSS property to change the border of an element to YIQ 137.8820, -64.9180, -23.9420 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

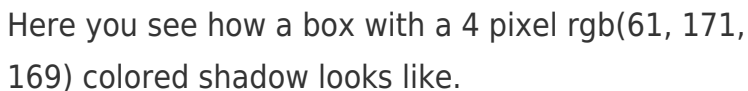
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 171, 169) }
```


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

```
.border{ border-color:rgb(61, 171, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(61, 171,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8820, -64.9180, -23.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 171, 169) }
```

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

```
.background{ background-color: rgb(61, 171,  
169) }
```

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