

Converting Colors

YIQ(137.6370, -56.4380,
-12.4220)

Have a look what the booklet for
YIQ(137.6370, -56.4380, -12.4220)
contains.

YIQ(137.6370, -56.4380, -12.4220)	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(137.6370, -56.4380,
-12.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA1B3
RGB	76, 161, 179
RGB Percent	30%, 63%, 70%
CMY	0.7021, 0.3685, 0.2983
CMYK	0.58, 0.10, 0.00, 0.30
HSL	190°, 40%, 50%
HSV	190°, 58%, 70%
XYZ	23.8583, 30.2890, 47.2045
YIQ	137.6370, -56.4380, -12.4220

Conversions

Conversions Part 2

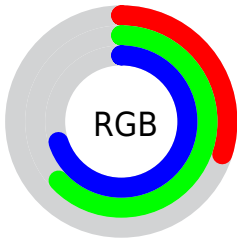
Format	Color
RYB	76, 123, 179
Decimal	5022131
CIELab	61.90, -20.38, -17.05
CIElCh	62, 26.575, 219.921
Yxy	30.2890, 0.2354, 0.2988
Android (android.graphics.Color)	4283212211 (0xFF4CA1B3)
YUV	137.6370, 20.3920, -54.0556
Hunter-Lab	55.0354, -18.9308, -12.3290

Details

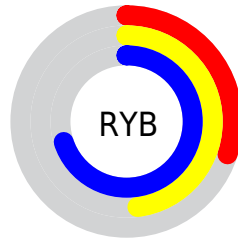
The YIQ color **137.6370, -56.4380, -12.4220** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.3630, 56.4380, 12.4220**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6480, -54.9710, -11.4750**, and **78.3470, -70.4210, -17.8210** is the 20% darker color. If you saturate the color by 10%, you get **130.4940, -66.3410, -14.6690**, and if you desaturate by 10%, it is **144.7800, -46.5350, -10.1750**.

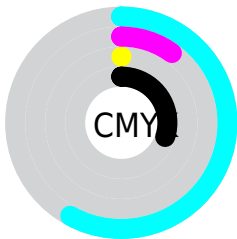
Distribution



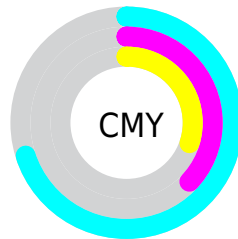
- Red (30%)
- Green (63%)
- Blue (70%)



- Red (30%)
- Yellow (48%)
- Blue (70%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6370, -56.4380, -12.4220 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 137.6370, -56.4380, -12.4220 by changing the saturation by 10% instead.

■ 137.6370,
-56.4380, -12.4220

■ 137.6370,
-56.4380, -12.4220

■ 255.0000, -0.0000,
-0.0000

■ 109.7290,
-59.6930, -14.0050

■ 193.3490,
-55.5670, -11.6870

■ 78.3470, -70.4210,
-17.8210

■ 221.3230,
-52.6780, -14.4860

■ 61.4090, -55.7960,
-13.0440

■ 235.8640,
-38.1440, -13.5680

■ 44.5850, -41.4920,
-7.9560

■ 244.5350,
-20.8600, -7.4200

■ 29.0490, -28.0590,
-3.6030

■ 253.5050, -2.9800,
-1.0600

■ 11.9800, -14.4430,
2.9410

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 137.6370,
-56.4380, -12.4220

■ 137.6370,
-56.4380, -12.4220

■ 130.4940,
-66.3410, -14.6690

■ 144.7800,
-46.5350, -10.1750

■ 123.3510,
-76.2440, -16.9160

■ 151.9230,
-36.6320, -7.9280

■ 116.2080,
-86.1470, -19.1630

■ 159.0660,
-26.7290, -5.6810

■ 109.0650,
-96.0500, -21.4100

■ 166.2090,
-16.8260, -3.4340

■ 107.2820,
-98.1590, -21.7350

■ 173.6400, -7.7940,
-1.9220

■ 180.7830, 2.1090,
0.3250

■ 187.9260, 12.0120,
2.5720

■ 195.0690, 21.9150,
4.8190

■ 202.2120, 31.8180,
7.0660

Harmonies

Analogous

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



138.0970, -46.3500, -19.0380



137.6370, -56.4380, -12.4220



142.5770, -47.0410, -1.0010

Triad

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



137.6370, -56.4380, -12.4220



153.1960, 20.7200, 20.9760



147.6210, 19.5800, -13.4440

Complementary

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



137.6370, -56.4380, -12.4220



117.3630, 56.4380, 12.4220

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.



149.8450, 33.9290, -3.6630



137.6370, -56.4380, -12.4220



152.2760, 34.9340, 16.6780

Square

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



137.6370, -56.4380, -12.4220



152.7080, -1.3330, 18.6590



151.5180, 39.7040, 7.3200



144.5090, -0.7760, -18.9840

Rectangle

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



137.6370, -56.4380, -12.4220



147.1490, -33.7920, 6.6880



151.5180, 39.7040, 7.3200



148.1380, 25.4940, -10.4900

Sweetspot

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



137.6370, -56.4380, -12.4220



216.2300, -21.3190, -4.6070



138.3990, -33.7820, -48.5820



107.7750, -12.6080, -2.7840



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.6370, -56.4380, -12.4220



167.7240, -87.6600, -19.2760



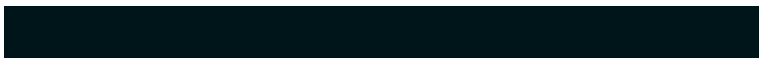
107.7000, -42.4130, 14.2510



85.7220, -5.0890, -1.3850



91.4040, -83.7630, -18.3150



15.2910, -14.1210, -2.8970

Inverse Universe

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



116.4870, 34.1030, 48.2710



134.8880, 52.9880, 74.9720



147.3000, 42.4130, -14.2510



83.6030, 2.7960, 4.3960



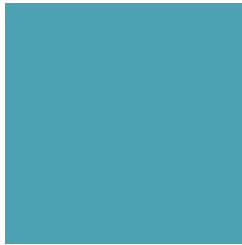
60.1110, 50.7420, 71.6220



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 137.6370, -56.4380, -12.4220 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 137.6370, -56.4380, -12.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

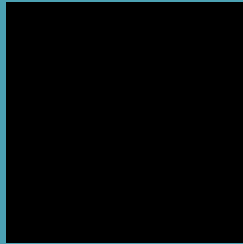
Any Text WCAG AA ✓ Pass

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 137.6370, -56.4380, -12.4220 Background



This preview shows how black text looks on a background with the YIQ color 137.6370, -56.4380, -12.4220.



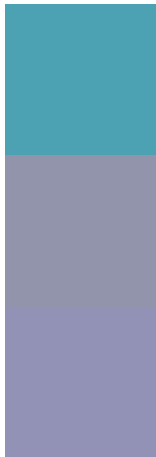
This preview shows how white text looks on a background with the YIQ color 137.6370, -56.4380, -12.4220.

-12.4220.

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

137.6370, -56.4380, -12.4220

Protanopia

149.6110, -8.8500, 6.2060

Deuteranopia

150.1040, -11.5560, 11.1960



Tritanopia

137.1700, -56.6210, -14.6130

Trichromacy



Original Color

137.6370, -56.4380, -12.4220

Protanomaly

145.4130, -26.0880, -0.7760

Deuteranomaly

145.4500, -27.5100, 2.9700

Tritanomaly

137.5830, -56.3460, -14.0900

Monochromacy



Original Color

137.6370, -56.4380, -12.4220

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.5290, -20.7230, -4.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6370, -56.4380, -12.4220 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(76, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(76, 161, 179)  
}
```

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(76, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 161, 179) }
```

Border

The CSS property to change the border of an element to YIQ 137.6370, -56.4380, -12.4220 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(76, 161, 179) }
```


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

```
.border{ border-color:rgb(76, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 161,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6370, -56.4380, -12.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 161, 179) }
```

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

```
.background{ background-color: rgb(76, 161,  
179) }
```

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