

Converting Colors

YIQ(137.7090, -56.9410,
-19.8290)

Have a look what the booklet for
YIQ(137.7090, -56.9410, -19.8290)
contains.

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Color

**YIQ(137.7090, -56.9410,
-19.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	47A6A7
RGB	71, 166, 167
RGB Percent	28%, 65%, 65%
CMY	0.7218, 0.3489, 0.3453
CMYK	0.58, 0.01, 0.00, 0.35
HSL	181°, 40%, 47%
HSV	181°, 58%, 65%
XYZ	23.2075, 31.4123, 41.3712
YIQ	137.7090, -56.9410, -19.8290

Conversions

Conversions Part 2

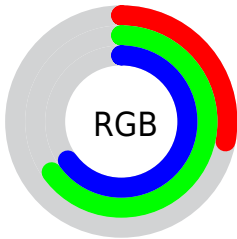
Format	Color
RYB	71, 119, 167
Decimal	4695719
CIELab	62.85, -27.38, -8.90
CIELCh	63, 28.788, 198.014
Yxy	31.4123, 0.2418, 0.3272
Android (android.graphics.Color)	4282885799 (0xFF47A6A7)
YUV	137.7090, 14.4405, -58.5038
Hunter-Lab	56.0466, -24.1693, -4.5327

Details

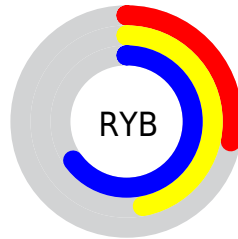
The YIQ color **137.7090, -56.9410, -19.8290** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.2910, 56.9410, 19.8290**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.6060, -55.1530, -19.1930**, and **80.0280, -68.2650, -23.8570** is the 20% darker color. If you saturate the color by 10%, you get **132.6260, -67.0730, -23.4330**, and if you desaturate by 10%, it is **142.7920, -46.8090, -16.2250**.

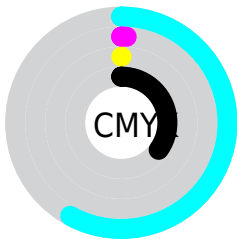
Distribution



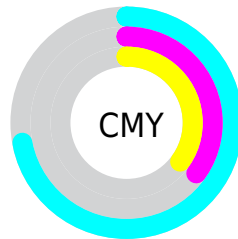
- Red (28%)
- Green (65%)
- Blue (65%)



- Red (28%)
- Yellow (47%)
- Blue (65%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7090, -56.9410, -19.8290 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 137.7090, -56.9410, -19.8290 by changing the saturation by 10% instead.

■ 137.7090,
-56.9410, -19.8290

■ 137.7090,
-56.9410, -19.8290

■ 255.0000, -0.0000,
-0.0000

■ 109.0290,
-60.8380, -20.7900

■ 193.6060,
-55.1530, -19.1930

■ 80.0280, -68.2650,
-23.8570

■ 222.3070,
-55.7490, -19.4050

■ 62.6170, -53.6860,
-18.2460

■ 234.3690,
-41.1240, -14.6280

■ 45.7930, -39.3820,
-13.1580

■ 243.3390,
-23.2440, -8.2680

■ 29.7840, -25.9950,
-7.9710

■ 252.0100, -5.9600,
-2.1200

■ 14.0030, -13.2500,
-2.1620

■ 0.0000, 0.0000,

0.0000

■ 137.7090,
-56.9410, -19.8290

■ 137.7090,
-56.9410, -19.8290

■ 132.6260,
-67.0730, -23.4330

■ 142.7920,
-46.8090, -16.2250

■ 127.8420,
-76.6090, -26.8250

■ 147.5760,
-37.2730, -12.8330

■ 122.7590,
-86.7410, -30.4290

■ 153.2460,
-27.4160, -9.7520

■ 117.0890,
-96.5980, -33.5100

■ 158.3290,
-17.2840, -6.1480

■ 115.8930,
-98.9820, -34.3580

■ 163.1130, -7.7480,
-2.7560

■ 168.1960, 2.3840,
0.8480

■ 173.2790, 12.5160,
4.4520

■ 178.3620, 22.6480,
8.0560

■ 183.1460, 32.1840,
11.4480

Harmonies

Analogous

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



141.3340, -34.0160, -22.3040



137.7090, -56.9410, -19.8290



138.7550, -62.5820, -11.2060

Triad

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



137.7090, -56.9410, -19.8290



155.4100, 5.4980, 21.5140



151.4380, 33.5170, -7.2110

Complementary

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



137.7090, -56.9410, -19.8290



100.2910, 56.9410, 19.8290

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.



153.6060, 42.2720, 4.8320



137.7090, -56.9410, -19.8290



155.8440, 27.6430, 22.1630

Square

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



137.7090, -56.9410, -19.8290



152.4220, -21.1390, 14.1650



154.3860, 40.4360, 16.0840



148.7730, 16.0960, -16.3840

Rectangle

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



137.7090, -56.9410, -19.8290



143.8150, -53.6430, -2.4990



154.3860, 40.4360, 16.0840



152.1120, 37.5510, -3.2250

Sweetspot

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



137.7090, -56.9410, -19.8290



205.3500, -21.7770, -7.3210



127.3520, -26.4000, -50.2080



102.8350, -12.8370, -4.1410



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.7090, -56.9410, -19.8290



170.9760, -88.8500, -30.7540



110.1200, -44.0160, 4.7520



81.6080, -4.7680, -1.6960



103.1610, -87.9330, -30.8530



14.0200, -11.9200, -4.2400

Inverse Universe

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



110.5340, 26.7210, 49.8970



128.7220, 41.8920, 77.8280



127.8800, 44.0160, -4.7520



79.3040, 2.2000, 4.1840



61.0100, 41.0210, 77.0930



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 137.7090, -56.9410, -19.8290 looks on a white background.

Color Contrast Check

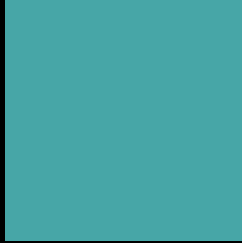
Large Text (above 18pt) WCAG AA × Fail

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 137.7090, -56.9410, -19.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

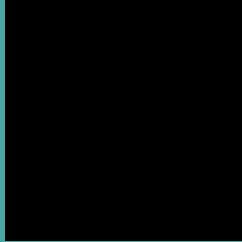
Any Text WCAG AA ✓ Pass

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 137.7090, -56.9410, -19.8290 Background



This preview shows how black text looks on a background with the YIQ color 137.7090, -56.9410, -19.8290.



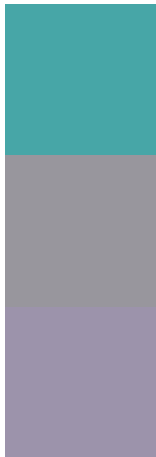
This preview shows how white text looks on a background with the YIQ color 137.7090, -56.9410, -19.8290.

-19.8290.

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

137.7090, -56.9410, -19.8290

Protanopia

151.3960, -1.0550, 2.6010

Deuteranopia

152.4270, -2.3400, 9.3720



Tritanopia

138.9850, -57.5380, -14.5140

Trichromacy



Original Color

137.7090, -56.9410, -19.8290

Protanomaly

146.7030, -21.2730, -5.4410

Deuteranomaly

147.1530, -22.4200, -1.1720

Tritanomaly

138.8170, -57.1250, -16.4930

Monochromacy



Original Color

137.7090, -56.9410, -19.8290

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9480, -20.5850, -6.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7090, -56.9410, -19.8290 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(71, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(71, 166, 167)  
}
```

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(71, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 166, 167) }
```

Border

The CSS property to change the border of an element to YIQ 137.7090, -56.9410, -19.8290 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(71, 166, 167) }
```


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

```
.border{ border-color:rgb(71, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(71, 166,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7090, -56.9410, -19.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 166, 167) }
```

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

```
.background{ background-color: rgb(71, 166,  
167) }
```

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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