

Converting Colors

YIQ(139.4700, -57.7660,
-21.3980)

Have a look what the booklet for
YIQ(139.4700, -57.7660, -21.3980)
contains.

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Color

**YIQ(139.4700, -57.7660,
-21.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	47A9A7
RGB	71, 169, 167
RGB Percent	28%, 66%, 65%
CMY	0.7218, 0.3371, 0.3453
CMYK	0.58, 0.00, 0.01, 0.34
HSL	179°, 41%, 47%
HSV	179°, 58%, 66%
XYZ	23.7595, 32.5165, 41.5551
YIQ	139.4700, -57.7660, -21.3980

Conversions

Conversions Part 2

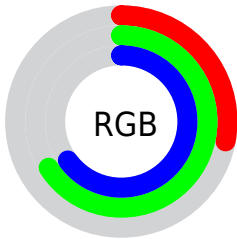
Format	Color
RYB	71, 121, 169
Decimal	4696487
CIELab	63.77, -28.86, -7.54
CIELCh	64, 29.825, 194.649
Yxy	32.5165, 0.2429, 0.3324
Android (android.graphics.Color)	4282886567 (0xFF47A9A7)
YUV	139.4700, 13.5723, -60.0482
Hunter-Lab	57.0232, -25.4163, -3.2908

Details

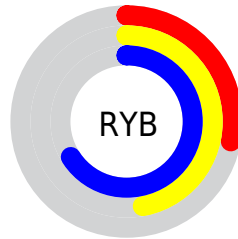
The YIQ color **139.4700, -57.7660, -21.3980** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.5300, 57.7660, 21.3980**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9540, -56.2530, -21.2850**, and **81.2020, -68.8150, -24.9030** is the 20% darker color. If you saturate the color by 10%, you get **134.3870, -67.8980, -25.0020**, and if you desaturate by 10%, it is **144.5530, -47.6340, -17.7940**.

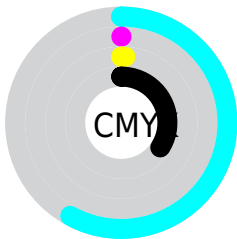
Distribution



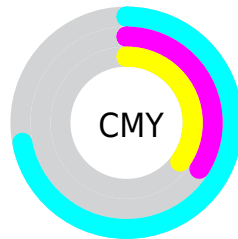
- Red (28%)
- Green (66%)
- Blue (65%)



- Red (28%)
- Yellow (47%)
- Blue (66%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (72%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4700, -57.7660, -21.3980 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 139.4700, -57.7660, -21.3980 by changing the saturation by 10% instead.

■ 139.4700,
-57.7660, -21.3980

■ 139.4700,
-57.7660, -21.3980

■ 255.0000, -0.0000,
-0.0000

■ 110.7900,
-61.6630, -22.3590

■ 195.9540,
-56.2530, -21.2850

■ 81.2020, -68.8150,
-24.9030

■ 224.3670,
-55.9780, -20.7620

■ 63.7910, -54.2360,
-19.2920

■ 234.6680,
-40.5280, -14.4160

■ 46.9670, -39.9320,
-14.2040

■ 243.3390,
-23.2440, -8.2680

■ 30.9580, -26.5450,
-9.0170

■ 252.3090, -5.3640,
-1.9080

■ 15.7640, -14.0750,
-3.7310

■ 0.0000, 0.0000,

0.0000

■ 139.4700,
-57.7660, -21.3980

■ 139.4700,
-57.7660, -21.3980

■ 134.3870,
-67.8980, -25.0020

■ 144.5530,
-47.6340, -17.7940

■ 129.1900,
-77.7090, -28.9170

■ 149.7500,
-37.8230, -13.8790

■ 124.1070,
-87.8410, -32.5210

■ 154.8330,
-27.6910, -10.2750

■ 118.9100,
-97.6520, -36.4360

■ 159.9160,
-17.5590, -6.6710

■ 118.0130,
-99.4400, -37.0720

■ 164.8140, -8.3440,
-2.9680

■ 169.8970, 1.7880,
0.6360

■ 174.9800, 11.9200,
4.2400

■ 180.1770, 21.7310,
8.1550

■ 185.2600, 31.8630,
11.7590

Harmonies

Analogous

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



143.8780, -32.7320, -23.5480



139.4700, -57.7660, -21.3980



140.1350, -66.7080, -13.5240

Triad

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



139.4700, -57.7660, -21.3980



157.8550, 2.7470, 21.8110



154.0470, 36.1760, -5.8400

Complementary

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



139.4700, -57.7660, -21.3980



100.5300, 57.7660, 21.3980

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.



156.0300, 44.0140, 6.3020



139.4700, -57.7660, -21.3980



158.3000, 26.3590, 23.4070

Square

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



139.4700, -57.7660, -21.3980



154.8560, -25.3570, 13.5150



157.3260, 40.6650, 17.4410



151.7410, 19.1220, -16.1580

Rectangle

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



139.4700, -57.7660, -21.3980



144.4230, -58.4110, -4.1950



157.3260, 40.6650, 17.4410



154.7210, 40.2100, -1.8540

Sweetspot

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



139.4700, -57.7660, -21.3980



207.9370, -22.0520, -7.8440



129.4230, -25.1620, -50.6180



103.3080, -12.7910, -4.9750



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.



139.4700, -57.7660, -21.3980



172.9110, -90.2250, -33.3690



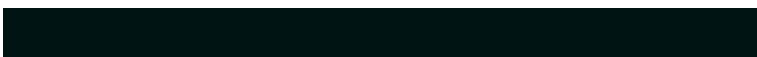
112.6960, -45.7580, 3.2820



81.6080, -4.7680, -1.6960



103.4060, -87.2450, -32.3090



14.0200, -11.9200, -4.2400

Inverse Universe

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



100.5300, 57.7660, 21.3980



112.0890, 90.2250, 33.3690



127.3040, 45.7580, -3.2820



78.3920, 4.7680, 1.6960



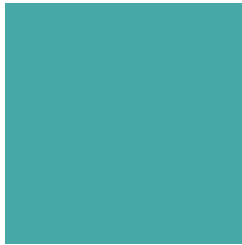
44.5940, 87.2450, 32.3090



5.9800, 11.9200, 4.2400

Previews

White Background



This preview shows how the YIQ color 139.4700, -57.7660, -21.3980 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 139.4700, -57.7660, -21.3980 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 139.4700, -57.7660, -21.3980 Background



This preview shows how black text looks on a background with the YIQ color 139.4700, -57.7660, -21.3980.

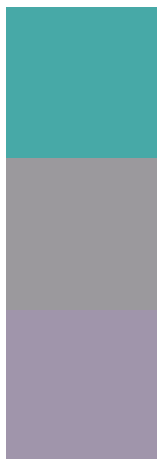


This preview shows how white text looks on a background with the YIQ color 139.4700, -57.7660, -21.3980.

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

139.4700, -57.7660, -21.3980

Protanopia

154.0540, -0.0920, 1.6680

Deuteranopia

154.7970, -0.5060, 9.1740



Tritanopia

141.2730, -58.4090, -15.2490

Trichromacy



Original Color

139.4700, -57.7660, -21.3980

Protanomaly

148.7630, -21.5020, -6.7980

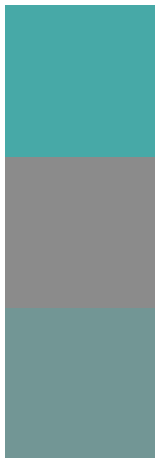
Deuteranomaly

149.2240, -21.1820, -1.5820

Tritanomaly

140.6920, -58.2710, -17.7510

Monochromacy



Original Color

139.4700, -57.7660, -21.3980

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1220, -21.1350, -7.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4700, -57.7660, -21.3980 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, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(71, 169, 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, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 169, 167) }
```

Border

The CSS property to change the border of an element to YIQ 139.4700, -57.7660, -21.3980 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, 169, 167) }
```


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

```
.border{ border-color:rgb(71, 169, 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, 169, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(71, 169,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 139.4700, -57.7660, -21.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 169, 167) }
```

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

```
.background{ background-color: rgb(71, 169,  
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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