

Converting Colors

YIQ(122.9580, -35.7130,
-19.0810)

Have a look what the booklet for
YIQ(122.9580, -35.7130, -19.0810)
contains.

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Color

**YIQ(122.9580, -35.7130,
-19.0810)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D9182
RGB	77, 145, 130
RGB Percent	30%, 57%, 51%
CMY	0.6982, 0.4313, 0.4903
CMYK	0.47, 0.00, 0.10, 0.43
HSL	167°, 31%, 44%
HSV	167°, 47%, 57%
XYZ	17.2138, 23.4463, 24.7257
YIQ	122.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

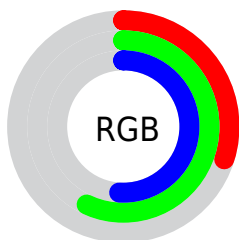
Format	Color
RYB	77, 115, 145
Decimal	5083522
CIELab	55.53, -25.43, 1.31
CIELCh	56, 25.459, 177.057
Yxy	23.4463, 0.2633, 0.3586
Android (android.graphics.Color)	4283273602 (0xFF4D9182)
YUV	122.9580, 3.4717, -40.3052
Hunter-Lab	48.4214, -21.2805, 3.6193

Details

The YIQ color $122.9580, -35.7130, -19.0810$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $99.0420, 35.7130, 19.0810$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.5450, -35.9880, -19.6040$, and $70.6910, -39.3350, -19.5190$ is the 20% darker color. If you saturate the color by 10%, you get $118.1310, -43.6900, -23.1940$, and if you desaturate by 10%, it is $127.4860, -28.3320, -15.1800$.

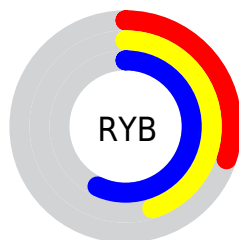
Distribution



Red (30%)

Green (57%)

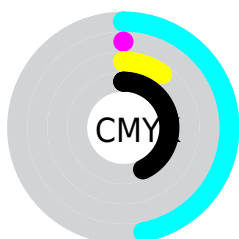
Blue (51%)



Red (30%)

Yellow (45%)

Blue (57%)

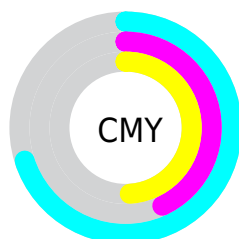


Cyan (47%)

Magenta (0%)

Yellow (10%)

Black (43%)



Cyan (70%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.9580, -35.7130, -19.0810 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 122.9580, -35.7130, -19.0810 by changing the saturation by 10% instead.


 122.9580,
-35.7130, -19.0810


 122.9580,
-35.7130, -19.0810


255.0000, -0.0000,
-0.0000


 96.7730, -36.6300,
-18.9820


 176.5450,
-35.9880, -19.6040

 70.3920, -39.9310,
-19.7310


 204.1320,
-36.2630, -20.1270


 47.7020, -37.8680,
-18.5720


 232.2460,
-36.5840, -19.8160

 31.6930, -24.4810,
-13.3850

 242.7410,
-24.4360, -8.6920

 18.1460, -12.5150,
-9.9790

 251.4120, -7.1520,
-2.5440

 0.0000, 0.0000,
0.0000

■ 122.9580,
-35.7130, -19.0810

■ 122.9580,
-35.7130, -19.0810

■ 118.1310,
-43.6900, -23.1940

■ 127.4860,
-28.3320, -15.1800

■ 113.6030,
-51.0710, -27.0950

■ 132.3130,
-20.3550, -11.0670

■ 108.6620,
-58.7270, -31.5190

■ 136.9550,
-13.2950, -6.8550

■ 104.1340,
-66.1080, -35.4200

■ 141.7820, -5.3180,
-2.7420

■ 99.3070, -74.0850,
-39.5330

■ 146.3100, 2.0630,
1.1590


■ 97.9970, -76.1480,
-40.6920

■ 151.1370, 10.0400,
5.2720

■ 155.6650, 17.4210,
9.1730

■ 160.6060, 25.0770,

13.5970

 165.1340, 32.4580,
17.4980

Harmonies

Analogous

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



126.7510, -13.2010, -19.5770



122.9580, -35.7130, -19.0810



120.6820, -52.3110, -15.6310

Triad

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



122.9580, -35.7130, -19.0810



134.5110, -11.1440, 14.7440



133.4910, 35.1660, 1.4540

Complementary

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



122.9580, -35.7130, -19.0810



99.0420, 35.7130, 19.0810

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.



135.1850, 36.4480, 11.2640



122.9580, -35.7130, -19.0810



136.4660, 11.0920, 19.2520

Square

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



122.9580, -35.7130, -19.0810



130.2090, -34.0210, 5.3310



136.2090, 27.8730, 17.9930



132.1920, 25.4020, -8.8220

Rectangle

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



122.9580, -35.7130, -19.0810



122.1860, -53.5500, -9.6940



136.2090, 27.8730, 17.9930



134.0830, 36.4950, 4.9030

Sweetspot

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



122.9580, -35.7130, -19.0810



180.2430, -14.1660, -7.5900



121.7000, -9.1640, -32.1720



88.8740, -8.5730, -4.3250



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



122.9580, -35.7130, -19.0810



154.5700, -55.4720, -29.9360



114.1020, -35.5780, -5.0020



68.7930, -3.8510, -1.7950



91.2150, -70.8300, -37.9500



5.3800, -4.1260, -2.3180

Inverse Universe

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



99.0420, 35.7130, 19.0810



117.3160, 55.7930, 29.6250



107.8980, 35.5780, 5.0020



66.3210, 3.5300, 2.1060



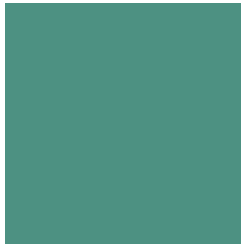
43.7850, 70.8300, 37.9500



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 122.9580, -35.7130, -19.0810 looks on a white background.

Color Contrast Check

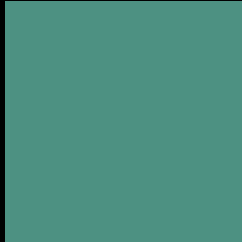
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9580, -35.7130, -19.0810 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 × Fail

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

YIQ 122.9580, -35.7130, -19.0810 Background



This preview shows how black text looks on a background with the YIQ color 122.9580, -35.7130, -19.0810.



This preview shows how white text looks on a background with the YIQ color 122.9580, -35.7130, -19.0810.

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

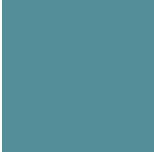
122.9580, -35.7130, -19.0810

Protanopia

132.4690, 5.8690, -1.7390

Deuteranopia

133.4680, 7.6100, 5.2580



Tritanopia

125.9120, -38.0990, -8.8750

Trichromacy



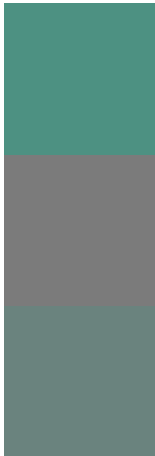
Original Color
122.9580, -35.7130, -19.0810

Protanomaly
129.1680, -9.5810, -8.0850

Deuteranomaly
129.7000, -8.0230, -3.2790

Tritanomaly
124.6900, -37.5940, -12.5220

Monochromacy



Original Color
122.9580, -35.7130, -19.0810

Achromatopsia
123.0000, -0.0000, -0.0000

Achromatomaly
122.9550, -13.2950, -6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9580, -35.7130, -19.0810 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(77, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(77, 145, 130)  
}
```

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(77, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 145, 130) }
```

Border

The CSS property to change the border of an element to YIQ 122.9580, -35.7130, -19.0810 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(77, 145, 130) }
```


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

```
.border{ border-color:rgb(77, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(77, 145,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9580, -35.7130, -19.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 145, 130) }
```

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

```
.background{ background-color: rgb(77, 145,  
130) }
```

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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