

Converting Colors

YIQ(88.4310, -35.6670,
-19.9150)

Have a look what the booklet for
YIQ(88.4310, -35.6670, -19.9150)
contains.

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Color

**YIQ(88.4310, -35.6670,
-19.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6F5E
RGB	42, 111, 94
RGB Percent	16%, 44%, 37%
CMY	0.8355, 0.5646, 0.6315
CMYK	0.62, 0.00, 0.15, 0.56
HSL	165°, 45%, 30%
HSV	165°, 62%, 44%
XYZ	8.6595, 12.6741, 12.5719
YIQ	88.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

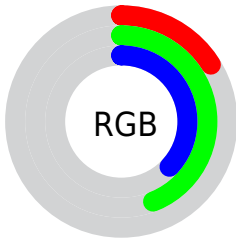
Format	Color
R_{YB}	42, 81, 111
Decimal	2781022
CIE _{Lab}	42.27, -26.17, 3.07
CIE _{LCh}	42, 26.349, 173.303
Yxy	12.6741, 0.2554, 0.3738
Android (android.graphics.Color)	4280971102 (0xFF2A6F5E)
YUV	88.4310, 2.7455, -40.7200
Hunter-Lab	35.6007, -18.8827, 3.9830

Details

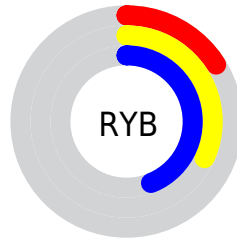
The YIQ color **88.4310, -35.6670, -19.9150** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.5690, 35.6670, 19.9150**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.5020, -34.4290, -20.3250**, and **42.4530, -32.7330, -18.0210** is the 20% darker color. If you saturate the color by 10%, you get **84.8000, -41.2600, -23.1800**, and if you desaturate by 10%, it is **92.0620, -30.0740, -16.6500**.

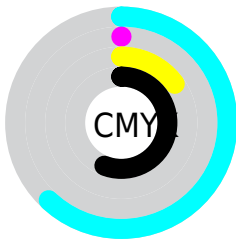
Distribution



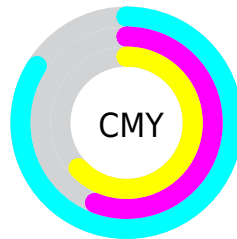
- Red (16%)
- Green (44%)
- Blue (37%)



- Red (16%)
- Yellow (32%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.4310, -35.6670, -19.9150 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 88.4310, -35.6670, -19.9150 by changing the saturation by 10% instead.

88.4310, -35.6670,
-19.9150

88.4310, -35.6670,
-19.9150

255.0000, -0.0000,
-0.0000

60.8540, -41.3520,
-21.5120

140.5020,
-34.4290, -20.3250

42.4530, -32.7330,
-18.0210

167.5020,
-34.4290, -20.3250

26.5580, -19.6670,
-12.5230

195.0890,
-34.7040, -20.8480

8.8050, -4.1250,
-7.8450

223.3770,
-35.5750, -21.5830

0.0000, 0.0000,
0.0000

240.0500,
-29.8000, -10.6000

248.4220,

-13.1120, -4.6640

■ 88.4310, -35.6670,
-19.9150

■ 88.4310, -35.6670,
-19.9150

■ 84.8000, -41.2600,
-23.1800

■ 92.0620, -30.0740,
-16.6500

■ 81.1690, -46.8530,
-26.4450

■ 95.5790, -24.1600,
-13.6960

■ 77.6520, -52.7670,
-29.3990

■ 99.2100, -18.5670,
-10.4310

■ 74.7330, -57.4890,
-31.9290

■ 102.8410,
-12.9740, -7.1660

■ 106.4720, -7.3810,
-3.9010

■ 110.2880, -0.8710,
-0.7350

■ 113.9190, 4.7220,
2.5300

■ 117.5500, 10.3150,
5.7950

■ 121.1810, 15.9080,
9.0600

Harmonies

Analogous

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



93.5340, -11.0920, -19.2520



88.4310, -35.6670, -19.9150



78.9790, -66.5690, -21.5530

Triad

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



88.4310, -35.6670, -19.9150



100.7170, -14.7200, 13.4720



99.8330, 34.2030, 2.3870

Complementary

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



88.4310, -35.6670, -19.9150



64.5690, 35.6670, 19.9150

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.



101.3420, 34.5680, 12.2960



88.4310, -35.6670, -19.9150



102.4980, 8.0660, 19.0260

Square

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



88.4310, -35.6670, -19.9150



94.4040, -39.0640, 3.1120



102.0670, 25.3970, 18.8130



98.6050, 25.6770, -8.2990

Rectangle

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



88.4310, -35.6670, -19.9150



79.2760, -71.6590, -17.4110



102.0670, 25.3970, 18.8130



100.4250, 35.5320, 5.8360

Sweetspot

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



88.4310, -35.6670, -19.9150



136.2430, -14.1660, -7.5900



87.5860, -8.8430, -32.4830



68.4610, -8.8480, -4.8480



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



88.4310, -35.6670, -19.9150



109.3310, -56.2970, -31.5050



80.3900, -36.4490, -5.7370



54.0920, -3.2550, -1.5830



80.7000, -61.8900, -34.7700



166.1930, -127.6310, -71.3350

Inverse Universe

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



64.5690, 35.6670, 19.9150



71.6690, 56.2970, 31.5050



72.6100, 36.4490, 5.7370



52.0220, 2.9340, 1.8940



39.3000, 61.8900, 34.7700



80.8070, 127.6310, 71.3350

Previews

White Background



This preview shows how the YIQ color 88.4310, -35.6670, -19.9150 looks on a white 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

Black Background



This preview shows how the YIQ color 88.4310, -35.6670, -19.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

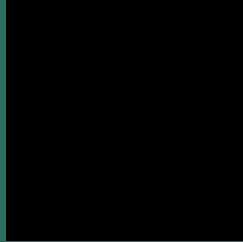
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.4310, -35.6670, -19.9150

Background



This preview shows how black text looks on a background with the YIQ color 88.4310, -35.6670, -19.9150.



This preview shows how white text looks on a background with the YIQ color 88.4310, -35.6670,

-19.9150.

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

88.4310, -35.6670, -19.9150

Protanopia

99.2410, 6.5110, -2.3610

Deuteranopia

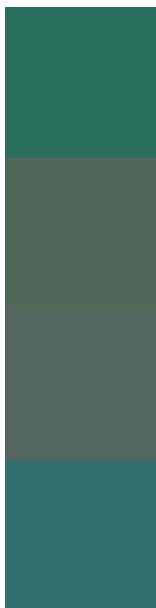
100.3000, 8.0230, 3.2790



Tritanopia

91.9830, -36.8610, -9.2850

Trichromacy



Original Color

88.4310, -35.6670, -19.9150

Protanomaly

94.9400, -8.9390, -8.7070

Deuteranomaly

95.6460, -7.9310, -4.9470

Tritanomaly

90.7610, -36.3560, -12.9320

Monochromacy



Original Color

88.4310, -35.6670, -19.9150

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.8410, -12.9740, -7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.4310, -35.6670, -19.9150 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(42, 111, 94)` looks like.

```
.text, #text, p{  
    color:rgb(42, 111, 94)  
}
```

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(42, 111, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 111, 94) }
```

Border

The CSS property to change the border of an element to YIQ 88.4310, -35.6670, -19.9150 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(42, 111, 94) }
```


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

```
.border{ border-color:rgb(42, 111, 94) }
```

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

Here you see how a box with a 4 pixel rgb(42, 111, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 111, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 111, 94);  
box-shadow:4px 4px 4px 4px rgb(42, 111,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 88.4310, -35.6670, -19.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 111, 94) }
```

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

```
.background{ background-color: rgb(42, 111,  
94) }
```

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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