

Converting Colors

YIQ(88.9480, -13.6990,
-54.6190)

Have a look what the booklet for
YIQ(88.9480, -13.6990, -54.6190)
contains.

YIQ(88.9480, -13.6990, -54.6190)	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(88.9480, -13.6990,
-54.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	2A800B
RGB	42, 128, 11
RGB Percent	16%, 50%, 4%
CMY	0.8356, 0.4979, 0.9568
CMYK	0.67, 0.00, 0.91, 0.50
HSL	104°, 84%, 27%
HSV	104°, 91%, 50%
XYZ	8.7363, 15.9626, 2.9375
YIQ	88.9480, -13.6990, -54.6190

Conversions

Conversions Part 2

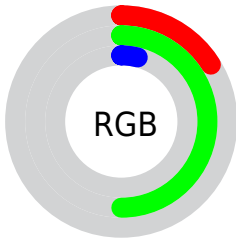
Format	Color
RYB	11, 128, 97
Decimal	2785291
CIELab	46.93, -45.58, 48.51
CIELCh	47, 66.564, 133.219
Yxy	15.9626, 0.3161, 0.5776
Android (android.graphics.Color)	4280975371 (0xFF2A800B)
YUV	88.9480, -38.4284, -41.1734
Hunter-Lab	39.9533, -30.8870, 23.6080

Details

The YIQ color **88.9480, -13.6990, -54.6190** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **50.0520, 13.6990, 54.6190**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.6000, -12.5990, -52.5270**, and **45.1990, -21.1750, -40.2710** is the 20% darker color. If you saturate the color by 10%, you get **85.3020, -14.9360, -59.7360**, and if you desaturate by 10%, it is **93.1210, -12.5080, -48.6680**.

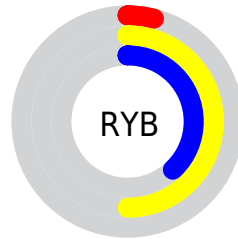
Distribution



Red (16%)

Green (50%)

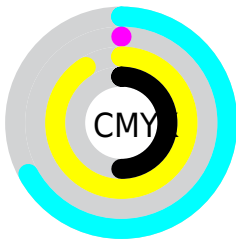
Blue (4%)



Red (4%)

Yellow (50%)

Blue (38%)

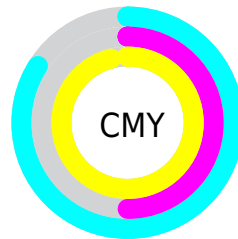


Cyan (67%)

Magenta (0%)

Yellow (91%)

Black (50%)



Cyan (84%)

Magenta (50%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9480, -13.6990, -54.6190 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 88.9480, -13.6990, -54.6190 by changing the saturation by 10% instead.

■ 88.9480, -13.6990,
-54.6190

■ 88.9480, -13.6990,
-54.6190

■ 255.0000, -0.0000,
-0.0000

■ 59.8740, -28.0500,
-53.3460

■ 144.6000,
-12.5990, -52.5270

■ 45.1990, -21.1750,
-40.2710

■ 172.3720,
-11.9570, -53.1490

■ 31.6980, -14.8500,
-28.2420

■ 200.4430,
-10.7190, -53.5590

■ 18.7840, -8.8000,
-16.7360

■ 221.8720, -7.3730,
-48.1170

■ 0.0000, 0.0000,
0.0000

■ 233.7350, 0.9230,
-33.2610

■ 245.8970, 9.8150,

-18.1930

■ 252.4920, 7.0620,
-6.8420

■ 88.9480, -13.6990,
-54.6190

■ 88.9480, -13.6990,
-54.6190

■ 85.3020, -14.9360,
-59.7360

■ 93.1210, -12.5080,
-48.6680

■ 97.5930, -10.7210,
-42.5050

■ 101.6520, -9.2090,
-36.8650

■ 106.1240, -7.4220,
-30.7020

■ 110.2970, -6.2310,
-24.7510

■ 114.4700, -5.0400,
-18.8000

■ 118.9420, -3.2530,
-12.6370

■ 123.0010, -1.7410,
-6.9970

■ 127.4730, 0.0460,
-0.8340

Harmonies

Analogous

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



102.1670, 34.5770, -37.4470



88.9480, -13.6990, -54.6190



87.4360, -61.5670, -46.1350

Triad

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



88.9480, -13.6990, -54.6190



98.9280, -104.9490, 2.2110



97.8780, 84.1700, 49.4980

Complementary

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



88.9480, -13.6990, -54.6190



50.0520, 13.6990, 54.6190

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.



105.0600, 54.7790, 59.0270



88.9480, -13.6990, -54.6190



89.7640, -101.1910, 11.2010

Square

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



88.9480, -13.6990, -54.6190



99.9760, -96.8770, -11.9250



113.5940, 0.1290, 47.2410



102.7980, 86.0100, 16.1380

Rectangle

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



88.9480, -13.6990, -54.6190



92.4690, -74.3610, -34.5290



113.5940, 0.1290, 47.2410



98.2720, 77.4290, 56.0290

Sweetspot

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



88.9480, -13.6990, -54.6190



151.0030, -5.2230, -20.9910



96.4650, 46.0820, -20.1740



74.9420, -3.2530, -12.6370



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



88.9480, -13.6990, -54.6190



110.5980, -19.4260, -77.4900



82.7570, -40.8420, -52.7940



61.7070, -0.7330, -3.2370



85.3020, -14.9360, -59.7360



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.0520, 13.6990, 54.6190



55.4020, 19.4260, 77.4900



56.2430, 40.8420, 52.7940



59.2930, 0.7330, 3.2370



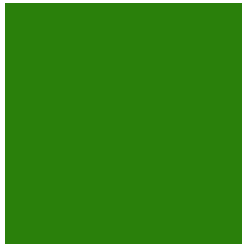
42.6980, 14.9360, 59.7360



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 88.9480, -13.6990, -54.6190 looks on a white background.

Color Contrast Check

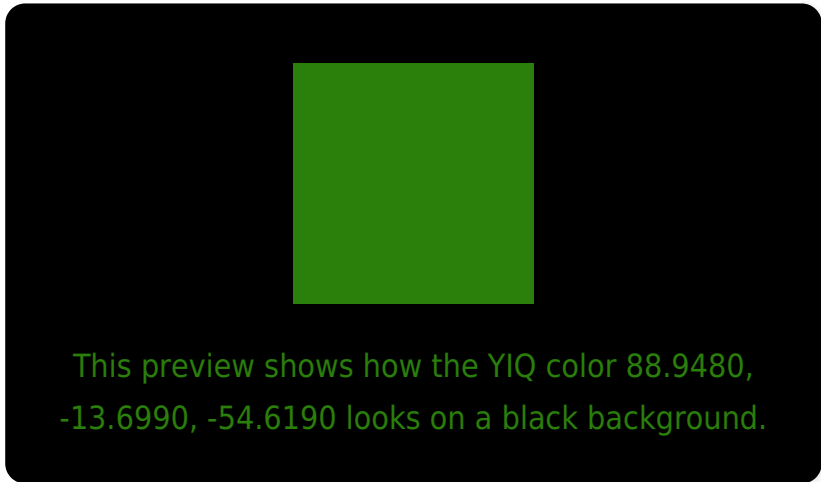
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 88.9480, -13.6990, -54.6190

Background



This preview shows how black text looks on a background with the YIQ color 88.9480, -13.6990, -54.6190.



This preview shows how white text looks on a background with the YIQ color 88.9480, -13.6990,

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

88.9480, -13.6990, -54.6190

Protanopia

102.5320, 43.9750, -31.5530

Deuteranopia

106.5020, 44.6600, -16.4280



Tritanopia

104.2930, -34.7980, -8.1260

Trichromacy



Original Color

88.9480, -13.6990, -54.6190

Protanomaly

97.5400, 23.1610, -39.8070

Deuteranomaly

99.9350, 23.8470, -30.2090

Tritanomaly

98.4610, -27.1840, -24.9760

Monochromacy



Original Color

88.9480, -13.6990, -54.6190

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.9430, -4.9940, -19.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9480, -13.6990, -54.6190 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, 128, 11)` looks like.

```
.text, #text, p{  
    color:rgb(42, 128, 11)  
}
```

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, 128, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 128, 11) }
```

Border

The CSS property to change the border of an element to YIQ 88.9480, -13.6990, -54.6190 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, 128, 11) }
```


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

```
.border{ border-color:rgb(42, 128, 11) }
```

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

Here you see how a box with a 4 pixel rgb(42, 128, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 128, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 128, 11);  
box-shadow:4px 4px 4px 4px rgb(42, 128,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9480, -13.6990, -54.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 128, 11) }
```

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

```
.background{ background-color: rgb(42, 128,  
11) }
```

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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