

Converting Colors

YIQ(77.2850, -42.6290,
-58.9570)

Have a look what the booklet for
YIQ(77.2850, -42.6290, -58.9570)
contains.

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Color

**YIQ(77.2850, -42.6290,
-58.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	007F18
RGB	0, 127, 24
RGB Percent	0%, 50%, 9%
CMY	1.0000, 0.5017, 0.9060
CMYK	1.00, 0.00, 0.81, 0.50
HSL	131°, 100%, 25%
HSV	131°, 100%, 50%
XYZ	7.7609, 15.2583, 3.3990
YIQ	77.2850, -42.6290, -58.9570

Conversions

Conversions Part 2

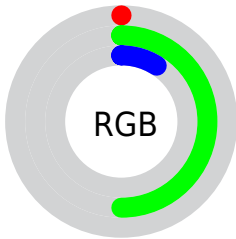
Format	Color
RYB	0, 107, 127
Decimal	32536
CIELab	45.99, -50.26, 43.90
CIELCh	46, 66.735, 138.867
Yxy	15.2583, 0.2938, 0.5776
Android (android.graphics.Color)	4278222616 (0xFF007F18)
YUV	77.2850, -26.2695, -67.7789
Hunter-Lab	39.0619, -32.8937, 22.1841

Details

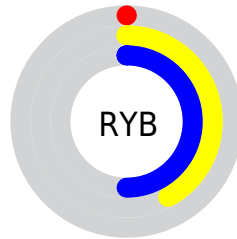
The YIQ color **77.2850, -42.6290, -58.9570** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **49.7150, 42.6290, 58.9570**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.8310, -26.4910, -54.0670**, and **44.6120, -20.9000, -39.7480** is the 20% darker color. If you saturate the color by 10%, you get **77.2850, -42.6290, -58.9570**, and if you desaturate by 10%, it is **82.3120, -38.0910, -53.0910**.

Distribution



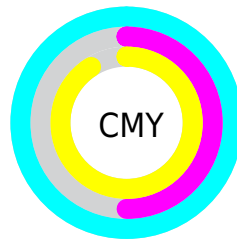
- Red (0%)
- Green (50%)
- Blue (9%)



- Red (0%)
- Yellow (42%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2850, -42.6290, -58.9570 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 77.2850, -42.6290, -58.9570 by changing the saturation by 10% instead.

■ 77.2850, -42.6290,
-58.9570

■ 77.2850, -42.6290,
-58.9570

■ 255.0000, -0.0000,
-0.0000

■ 59.2870, -27.7750,
-52.8230

■ 138.8310,
-26.4910, -54.0670

■ 44.6120, -20.9000,
-39.7480

■ 166.9020,
-25.2530, -54.4770

■ 30.5240, -14.3000,
-27.1960

■ 195.5600,
-24.2900, -55.4100

■ 17.0230, -7.9750,
-15.1670

■ 217.2880,
-20.3480, -49.7560

■ 0.0000, 0.0000,
0.0000

■ 229.1510,
-12.0520, -34.9000

■ 241.0140, -3.7560,

-20.0440

■ 253.2900, 4.8150,
-4.6650

■ 77.2850, -42.6290,
-58.9570

■ 82.3120, -38.0910,
-53.0910

■ 87.1540, -34.4700,
-47.1260

■ 92.1810, -29.9320,
-41.2600

■ 97.2080, -25.3940,
-35.3940

■ 102.3490,
-21.1770, -29.2170

■ 107.0770,
-17.2350, -23.5630

■ 112.1040,
-12.6970, -17.6970

■ 117.1310, -8.1590,
-11.8310

■ 121.9730, -4.5380,
-5.8660

Harmonies

Analogous

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



98.2800, 26.8290, -40.2030



77.2850, -42.6290, -58.9570



87.1740, -63.5850, -42.6010

Triad

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



77.2850, -42.6290, -58.9570



96.6940, -104.1700, 4.6140



95.3140, 85.6380, 44.9180

Complementary

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



77.2850, -42.6290, -58.9570



49.7150, 42.6290, 58.9570

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.



99.7790, 62.9400, 59.8040



77.2850, -42.6290, -58.9570



98.2410, -71.4370, 22.6350

Square

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



77.2850, -42.6290, -58.9570



98.8990, -97.9780, -8.4900



110.9330, 12.4160, 50.3360



100.5710, 84.9110, 8.5190

Rectangle

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



77.2850, -42.6290, -58.9570



92.3210, -76.7000, -30.6840



110.9330, 12.4160, 50.3360



94.7300, 81.8310, 53.3430

Sweetspot

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



77.2850, -42.6290, -58.9570



146.3760, -16.6390, -23.3510



105.6450, 27.0590, -44.3730



72.2940, -10.1760, -13.8240



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.



77.2850, -42.6290, -58.9570



100.9760, -55.6010, -77.1770



84.4670, -62.8520, -39.3640



61.3370, -2.5670, -3.0390



77.8720, -42.9040, -59.4800



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.7150, 42.6290, 58.9570



64.9100, 55.9220, 76.8660



42.5330, 62.8520, 39.3640



59.7770, 2.2460, 3.3500



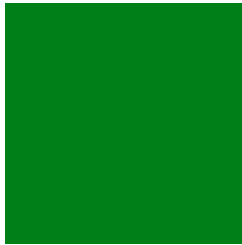
50.0140, 43.2250, 59.1690



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 77.2850, -42.6290, -58.9570 looks on a white background.

Color Contrast Check

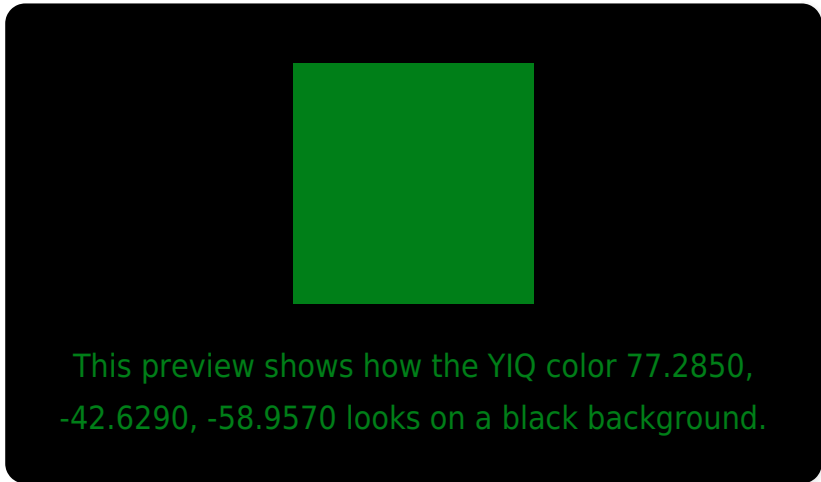
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.2850, -42.6290, -58.9570

Background



This preview shows how black text looks on a background with the YIQ color 77.2850, -42.6290, -58.9570.



This preview shows how white text looks on a background with the YIQ color 77.2850, -42.6290,

-58.9570.

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

77.2850, -42.6290, -58.9570

Protanopia

102.6270, 36.6380, -25.2340

Deuteranopia

105.2290, 41.1750, -13.8410



Tritanopia

99.7050, -41.9500, -10.6700

Trichromacy



Original Color

77.2850, -42.6290, -58.9570

Protanomaly

93.8080, 7.8470, -37.6010

Deuteranomaly

95.4050, 10.7800, -30.1800

Tritanomaly

91.4530, -41.9010, -28.0850

Monochromacy



Original Color

77.2850, -42.6290, -58.9570

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0280, -15.5390, -21.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2850, -42.6290, -58.9570 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(0, 127, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 24)  
}
```

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(0, 127, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 24) }
```

Border

The CSS property to change the border of an element to YIQ 77.2850, -42.6290, -58.9570 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(0, 127, 24) }
```


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

```
.border{ border-color:rgb(0, 127, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 127, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.2850, -42.6290, -58.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 24) }
```

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

```
.background{ background-color: rgb(0, 127,  
24) }
```

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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