

Converting Colors

YIQ(89.6250, -40.1100,
-44.0300)

Have a look what the booklet for
YIQ(89.6250, -40.1100, -44.0300)
contains.

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Color

**YIQ(89.6250, -40.1100,
-44.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	18813B
RGB	24, 129, 59
RGB Percent	9%, 51%, 23%
CMY	0.9062, 0.4939, 0.7687
CMYK	0.81, 0.00, 0.54, 0.49
HSL	140°, 69%, 30%
HSV	140°, 81%, 51%
XYZ	9.0197, 16.2209, 6.7896
YIQ	89.6250, -40.1100, -44.0300

Conversions

Conversions Part 2

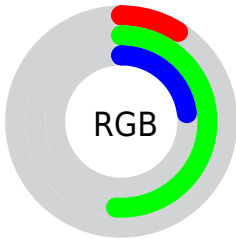
Format	Color
RYB	24, 103, 129
Decimal	1605947
CIELab	47.26, -44.62, 29.76
CIELCh	47, 53.638, 146.295
Yxy	16.2209, 0.2816, 0.5064
Android (android.graphics.Color)	4279796027 (0xFF18813B)
YUV	89.6250, -15.0981, -57.5531
Hunter-Lab	40.2751, -30.5061, 18.1975

Details

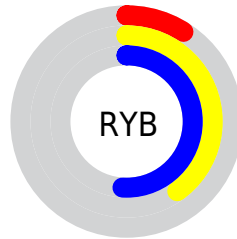
The YIQ color **89.6250, -40.1100, -44.0300** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **63.3750, 40.1100, 44.0300**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7460, -33.1410, -43.6770**, and **47.1540, -25.3020, -37.0620** is the 20% darker color. If you saturate the color by 10%, you get **84.7120, -44.9690, -49.5850**, and if you desaturate by 10%, it is **94.5380, -35.2510, -38.4750**.

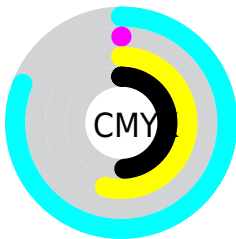
Distribution



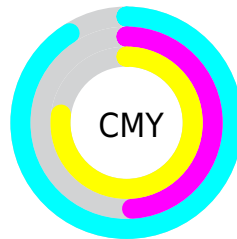
- Red (9%)
- Green (51%)
- Blue (23%)



- Red (9%)
- Yellow (40%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (54%)
- Black (49%)





- Cyan (91%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.6250, -40.1100, -44.0300 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 89.6250, -40.1100, -44.0300 by changing the saturation by 10% instead.


 89.6250, -40.1100,
-44.0300


 89.6250, -40.1100,
-44.0300


255.0000, -0.0000,
-0.0000


 64.5650, -39.8810,
-42.6730


 145.7460,
-33.1410, -43.6770


 47.1540, -25.3020,
-37.0620


 173.8170,
-31.9030, -44.0870

 31.6980, -14.8500,
-28.2420

 202.1760,
-31.5360, -45.2320

 19.3710, -9.0750,
-17.2590

 222.4310,
-27.6400, -38.7440

 0.0000, 0.0000,
0.0000

 234.2940,
-19.3440, -23.8880

 246.2710,

-11.3690, -8.7210

■ 89.6250, -40.1100,
-44.0300

■ 89.6250, -40.1100,
-44.0300

■ 84.7120, -44.9690,
-49.5850

■ 94.5380, -35.2510,
-38.4750

■ 80.6250, -49.2780,
-54.0940

■ 99.3370, -30.0710,
-33.2310

■ 104.2500,
-25.2120, -27.6760

■ 109.0490,
-20.0320, -22.4320

■ 113.6630,
-15.7690, -17.0890

■ 118.5760,
-10.9100, -11.5340

■ 123.3750, -5.7300,
-6.2900

■ 128.2880, -0.8710,
-0.7350

■ 133.0870, 4.3090,
4.5090

Harmonies

Analogous

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



101.4840, 17.5670, -37.5450



89.6250, -40.1100, -44.0300



90.0410, -70.2800, -36.9040

Triad

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



89.6250, -40.1100, -44.0300



92.8810, -97.5670, 0.5850



107.9230, 69.9610, 26.1610

Complementary

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



89.6250, -40.1100, -44.0300



63.3750, 40.1100, 44.0300

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.



109.5200, 55.6990, 42.3470



89.6250, -40.1100, -44.0300



112.7760, -30.4030, 27.8770

Square

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



89.6250, -40.1100, -44.0300



97.0410, -95.5020, -9.3100



114.8550, 21.0830, 41.9390



108.2480, 66.5270, 0.2790

Rectangle

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



89.6250, -40.1100, -44.0300



93.5750, -80.2310, -27.2630



114.8550, 21.0830, 41.9390



107.7690, 67.7590, 33.0310

Sweetspot

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



89.6250, -40.1100, -44.0300



152.9620, -15.1730, -16.8770



106.5650, 12.8450, -40.0750



75.0000, -9.1680, -10.0640



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.



89.6250, -40.1100, -44.0300



106.1250, -63.0300, -69.1900



95.6670, -57.1230, -27.5470



61.4510, -2.8880, -2.7280



80.0380, -49.0030, -53.5710



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.3750, 40.1100, 44.0300



64.8750, 63.0300, 69.1900



57.3330, 57.1230, 27.5470



59.6630, 2.5670, 3.0390



47.9620, 49.0030, 53.5710



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 89.6250, -40.1100, -44.0300 looks on a white background.

Color Contrast Check

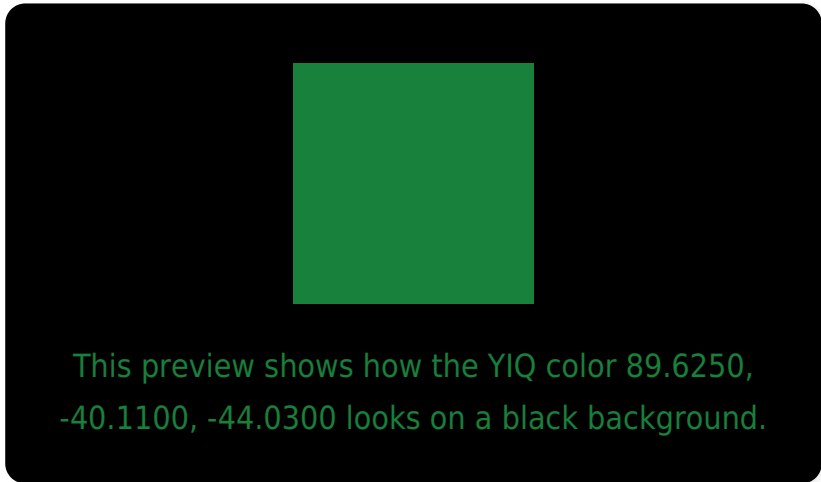
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.6250, -40.1100, -44.0300

Background



This preview shows how black text looks on a background with the YIQ color 89.6250, -40.1100, -44.0300.



This preview shows how white text looks on a background with the YIQ color 89.6250, -40.1100,

-44.0300.

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

89.6250, -40.1100, -44.0300

Protanopia

108.5630, 25.4950, -16.0170

Deuteranopia

110.2960, 31.0410, -6.3910



Tritanopia

102.4060, -42.5460, -10.8820

Trichromacy



Original Color

89.6250, -40.1100, -44.0300

Protanomaly

101.5490, 1.7470, -26.1650

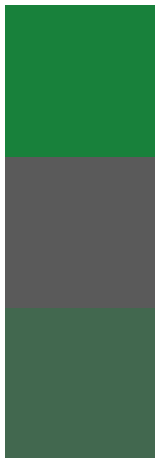
Deuteranomaly

102.5050, 5.0470, -19.8890

Tritanomaly

97.9140, -41.5810, -22.8690

Monochromacy



Original Color

89.6250, -40.1100, -44.0300

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.7880, -14.6230, -15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6250, -40.1100, -44.0300 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(24, 129, 59)` looks like.

```
.text, #text, p{  
    color:rgb(24, 129, 59)  
}
```

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(24, 129, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 129, 59) }
```

Border

The CSS property to change the border of an element to YIQ 89.6250, -40.1100, -44.0300 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(24, 129, 59) }
```


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

```
.border{ border-color:rgb(24, 129, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 129, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 129, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 129, 59);  
box-shadow:4px 4px 4px 4px rgb(24, 129,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6250, -40.1100, -44.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 129, 59) }
```

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

```
.background{ background-color: rgb(24, 129,  
59) }
```

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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