

Converting Colors

YIQ(59.2990, -36.0760,
-40.0440)

Have a look what the booklet for
YIQ(59.2990, -36.0760, -40.0440)
contains.

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Color

**YIQ(59.2990, -36.0760,
-40.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	005F1F
RGB	0, 95, 31
RGB Percent	0%, 37%, 12%
CMY	1.0000, 0.6273, 0.8785
CMYK	1.00, 0.00, 0.67, 0.63
HSL	140°, 100%, 19%
HSV	140°, 100%, 37%
XYZ	4.3428, 8.2904, 2.6660
YIQ	59.2990, -36.0760, -40.0440

Conversions

Conversions Part 2

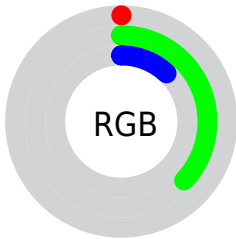
Format	Color
RYB	0, 72, 95
Decimal	24351
CIELab	34.58, -39.27, 29.13
CIELCh	35, 48.895, 143.430
Yxy	8.2904, 0.2839, 0.5419
Android (android.graphics.Color)	4278214431 (0xFF005F1F)
YUV	59.2990, -13.9514, -52.0052
Hunter-Lab	28.7930, -23.4650, 14.6654

Details

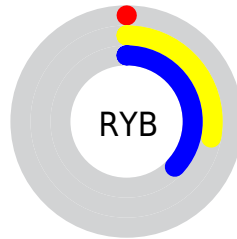
The YIQ color **59.2990, -36.0760, -40.0440** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **35.7010, 36.0760, 40.0440**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **115.5130, -24.9350, -38.2070**, and **27.5890, -12.9250, -24.5810** is the 20% darker color. If you saturate the color by 10%, you get **59.2990, -36.0760, -40.0440**, and if you desaturate by 10%, it is **62.9730, -32.0420, -36.0580**.

Distribution



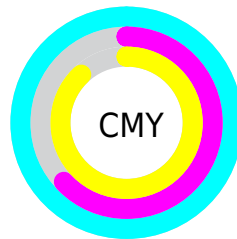
- Red (0%)
- Green (37%)
- Blue (12%)



- Red (0%)
- Yellow (28%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.2990, -36.0760, -40.0440 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 59.2990, -36.0760, -40.0440 by changing the saturation by 10% instead.

■ 59.2990, -36.0760,
-40.0440

■ 59.2990, -36.0760,
-40.0440

■ 255.0000, -0.0000,
-0.0000

■ 42.4750, -21.7720,
-34.9560

■ 115.5130,
-24.9350, -38.2070

■ 27.5890, -12.9250,
-24.5810

■ 142.2850,
-24.2930, -38.8290

■ 14.6750, -6.8750,
-13.0750

■ 169.0570,
-23.6510, -39.4510


■ 0.0000, 0.0000,
0.0000


■ 197.4160,
-23.2840, -40.5960


■ 223.6550,
-22.4590, -39.0270


■ 235.1050,


-14.4380, -24.6940


 247.0820, -6.4630,
-9.5270


 59.2990, -36.0760,
-40.0440

 62.9730, -32.0420,
-36.0580

 66.4620, -28.9250,
-31.9730

 70.1360, -24.8910,
-27.9870

 73.6250, -21.7740,
-23.9020

 77.2990, -17.7400,
-19.9160

■ 80.6740, -14.3020,
-16.1420

■ 84.4620, -10.5890,
-11.8450

■ 87.8370, -7.1510,
-8.0710

■ 91.6250, -3.4380,
-3.7740

Harmonies

Analogous

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



72.2870, 16.9240, -31.3960



59.2990, -36.0760, -40.0440



65.6200, -49.7410, -29.1730

Triad

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



59.2990, -36.0760, -40.0440



70.3690, -75.5140, 2.9020



75.2470, 60.2410, 26.1050

Complementary

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



59.2990, -36.0760, -40.0440



35.7010, 36.0760, 40.0440

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.



76.7360, 46.1630, 38.9550



59.2990, -36.0760, -40.0440



79.7060, -33.3820, 21.2900

Square

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



59.2990, -36.0760, -40.0440



72.7680, -72.6240, -5.4240



83.0450, 14.4360, 35.7480



77.1100, 58.2280, 2.0040

Rectangle

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



59.2990, -36.0760, -40.0440



69.2850, -58.6830, -21.2990



83.0450, 14.4360, 35.7480



75.2670, 57.4890, 31.9290

Sweetspot

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



59.2990, -36.0760, -40.0440



108.5000, -13.7520, -15.0960



75.2000, 12.6150, -35.9050



52.7120, -8.2970, -9.3290



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



59.2990, -36.0760, -40.0440



76.1740, -46.3900, -51.3660



64.6570, -51.1630, -25.4270



46.4620, -1.4210, -1.7810



69.9620, -42.6770, -47.0690



149.7720, -91.0380, -101.2620

Inverse Universe

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



35.7010, 36.0760, 40.0440



45.9400, 46.0690, 51.6770



30.3430, 51.1630, 25.4270



45.5380, 1.4210, 1.7810



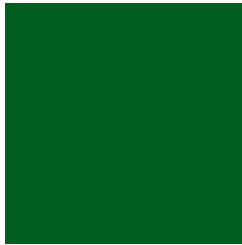
42.1520, 42.3560, 47.3800



90.2280, 91.0380, 101.2620

Previews

White Background



This preview shows how the YIQ color 59.2990, -36.0760, -40.0440 looks on a white background.

Color Contrast Check

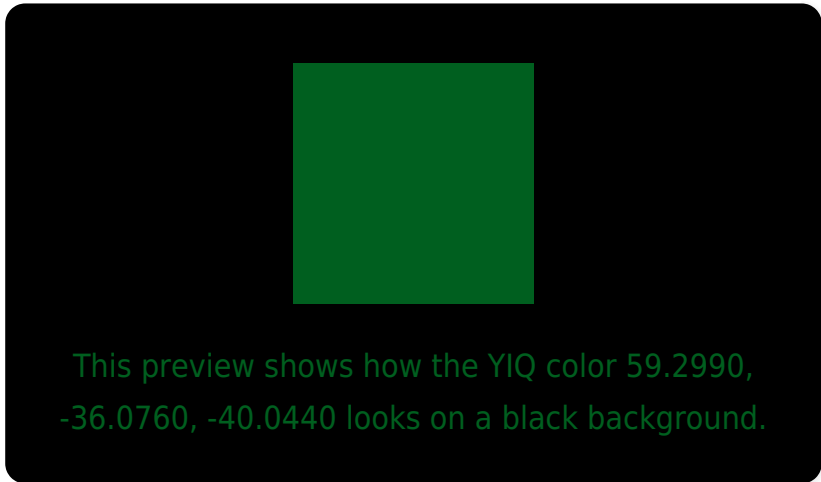
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.2990, -36.0760, -40.0440

Background



This preview shows how black text looks on a background with the YIQ color 59.2990, -36.0760, -40.0440.



This preview shows how white text looks on a background with the YIQ color 59.2990, -36.0760,

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

59.2990, -36.0760, -40.0440

Protanopia

78.4210, 23.0190, -15.1970

Deuteranopia

80.2030, 26.8690, -7.8750



Tritanopia

74.8480, -32.0470, -8.4230

Trichromacy



Original Color

59.2990, -36.0760, -40.0440

Protanomaly

71.6030, 1.6550, -24.4970

Deuteranomaly

72.4340, 3.8090, -19.4790

Tritanomaly

69.1000, -33.2370, -19.9010

Monochromacy



Original Color

59.2990, -36.0760, -40.0440

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2120, -12.8810, -14.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.2990, -36.0760, -40.0440 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, 95, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 31)  
}
```

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, 95, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 31) }
```

Border

The CSS property to change the border of an element to YIQ 59.2990, -36.0760, -40.0440 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, 95, 31) }
```


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

```
.border{ border-color:rgb(0, 95, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 95, 31); box-shadow:4px  
4px 4px 4px rgb(0, 95, 31) }
```

Background

The CSS property to change the background color of an element to YIQ 59.2990, -36.0760, -40.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 31) }
```

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

```
.background{ background-color: rgb(0, 95,  
31) }
```

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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