

Converting Colors

YIQ(53.5970, -16.5440,
-41.6000)

Have a look what the booklet for
YIQ(53.5970, -16.5440, -41.6000)
contains.

YIQ(53.5970, -16.5440, -41.6000) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 28**

***CSS Examples* 31**

Color

**YIQ(53.5970, -16.5440,
-41.6000)**

Conversions

Conversions Part 1	
Format	Color
Hex	0C5501
RGB	12, 85, 1
RGB Percent	5%, 33%, 0%
CMY	0.9532, 0.6665, 0.9961
CMYK	0.86, 0.00, 0.99, 0.67
HSL	112°, 98%, 17%
HSV	112°, 99%, 33%
XYZ	3.4072, 6.5817, 1.1195
YIQ	53.5970, -16.5440, -41.6000

Conversions

Conversions Part 2

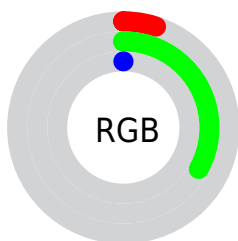
Format	Color
RYB	1, 85, 74
Decimal	808193
CIELab	30.84, -37.01, 37.26
CIELCh	31, 52.519, 134.809
Yxy	6.5817, 0.3067, 0.5925
Android (android.graphics.Color)	4278998273 (0xFF0C5501)
YUV	53.5970, -25.9303, -36.4806
Hunter-Lab	25.6549, -21.1897, 15.3711

Details

The YIQ color **53.5970, -16.5440, -41.6000** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **32.4030, 16.5440, 41.6000**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1030, -12.0970, -39.5930**, and **23.4800, -11.0000, -20.9200** is the 20% darker color. If you saturate the color by 10%, you get **53.1840, -16.8190, -42.1230**, and if you desaturate by 10%, it is **56.7160, -15.2610, -37.3170**.

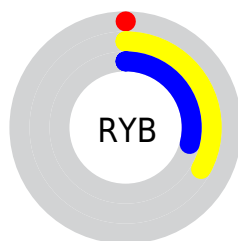
Distribution



Red (5%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (29%)

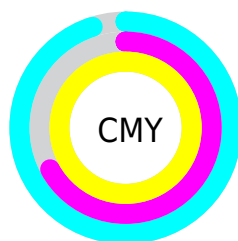


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (67%)



Cyan (95%)


Magenta (67%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 53.5970, -16.5440, -41.6000 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 53.5970, -16.5440, -41.6000 by changing the saturation by 10% instead.


 53.5970, -16.5440,
-41.6000

 53.5970, -16.5440,
-41.6000


 253.1760, 5.1360,
-4.9760

 35.8070, -16.7750,
-31.9030


 107.1030,
-12.0970, -39.5930


 23.4800, -11.0000,
-20.9200


 133.2880,
-11.1800, -39.6920

 3.5220, -1.6500,
-3.1380

 160.6470,
-10.8130, -40.8370


 0.0000, 0.0000,
0.0000


 188.1200,
-10.7670, -41.6710


 215.8920,
-10.1250, -42.2930


 232.7390, -4.9000,


-32.3560


 244.6020, 3.3960,
-17.5000


 53.5970, -16.5440,
-41.6000

 53.5970, -16.5440,
-41.6000


 53.1840, -16.8190,
-42.1230

 56.7160, -15.2610,
-37.3170

 60.0200, -13.0610,
-33.1330

 63.1390, -11.7780,
-28.8500

 66.4430, -9.5780,
-24.6660

 69.5620, -8.2950,
-20.3830

■ 72.5670, -6.6910,
-16.4110

■ 75.9850, -4.8120,
-11.9160

■ 78.9900, -3.2080,
-7.9440

■ 82.4080, -1.3290,
-3.4490

Harmonies

Analogous

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



66.4280, 21.1410, -25.2190



53.5970, -16.5440, -41.6000



57.8290, -40.2040, -31.3080

Triad

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



53.5970, -16.5440, -41.6000



66.0490, -71.6170, 3.8630



60.0660, 62.6690, 37.1730

Complementary

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



53.5970, -16.5440, -41.6000



32.4030, 16.5440, 41.6000

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.



65.5710, 42.4940, 44.8780



53.5970, -16.5440, -41.6000



59.1190, -68.6380, 10.4500

Square

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



53.5970, -16.5440, -41.6000



67.0630, -66.2050, -6.1170



73.5860, 2.6070, 35.3670



65.7180, 62.6280, 10.3720

Rectangle

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



53.5970, -16.5440, -41.6000



61.7220, -49.7880, -22.8120



73.5860, 2.6070, 35.3670



59.3140, 59.2750, 43.6190

Sweetspot

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



53.5970, -16.5440, -41.6000



97.5670, -6.6910, -16.4110



68.9670, 29.9890, -20.3710



48.6370, -3.7120, -9.8240



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



53.5970, -16.5440, -41.6000



68.7560, -21.9060, -54.5620



53.8420, -33.0510, -34.2910



41.6470, -0.5040, -1.8800



66.9950, -21.0810, -52.9930



147.2140, -46.1490, -116.3330

Inverse Universe

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



32.4030, 16.5440, 41.6000



40.9450, 21.3100, 54.3500



32.1580, 33.0510, 34.2910



40.6520, 1.1000, 2.0920



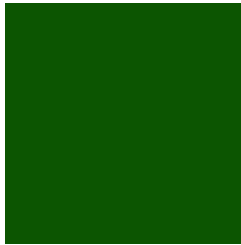
40.0050, 21.0810, 52.9930



87.7860, 46.1490, 116.3330

Previews

White Background



This preview shows how the YIQ color 53.5970, -16.5440, -41.6000 looks on a white background.

Color Contrast Check

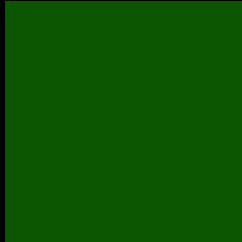
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 53.5970, -16.5440, -41.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

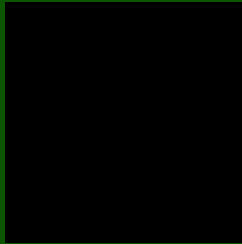
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.5970, -16.5440, -41.6000

Background



This preview shows how black text looks on a background with the YIQ color 53.5970, -16.5440, -41.6000.



This preview shows how white text looks on a background with the YIQ color 53.5970, -16.5440,

-41.6000.

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

53.5970, -16.5440, -41.6000

Protanopia

67.3690, 28.7970, -20.7950

Deuteranopia

69.7640, 29.4830, -11.1970



Tritanopia

67.1260, -26.9580, -7.0380

Trichromacy

	Original Color 53.5970, -16.5440, -41.6000
	Protanomaly 62.2420, 12.7970, -28.1870
	Deuteranomaly 63.9310, 12.4750, -22.3490
	Tritanomaly 62.0750, -22.9210, -19.6330

Monochromacy

	Original Color 53.5970, -16.5440, -41.6000
	Achromatopsia 54.0000, -0.0000, 0.0000
	Achromatomaly 53.8060, -5.8660, -14.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.5970, -16.5440, -41.6000 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(12, 85, 1)` looks like.

```
.text, #text, p{  
    color:rgb(12, 85, 1)  
}
```

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(12, 85, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 85, 1) }
```

Border

The CSS property to change the border of an element to YIQ 53.5970, -16.5440, -41.6000 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(12, 85, 1) }
```


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

```
.border{ border-color:rgb(12, 85, 1) }
```

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

Here you see how a box with a 4 pixel rgb(12, 85, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 85, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 85, 1); box-shadow:4px  
4px 4px 4px rgb(12, 85, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 53.5970, -16.5440, -41.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 85, 1) }
```

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

```
.background{ background-color: rgb(12, 85,  
1) }
```

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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