

Converting Colors

YIQ(53.3970, -11.9640,
-14.4600)

Have a look what the booklet for
YIQ(53.3970, -11.9640, -14.4600)
contains.

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Color

**YIQ(53.3970, -11.9640,
-14.4600)**

Conversions

Conversions Part 1	
Format	Color
Hex	21422A
RGB	33, 66, 42
RGB Percent	13%, 26%, 16%
CMY	0.8707, 0.7411, 0.8353
CMYK	0.50, 0.00, 0.36, 0.74
HSL	136°, 33%, 19%
HSV	136°, 50%, 26%
XYZ	2.9932, 4.3881, 2.8790
YIQ	53.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

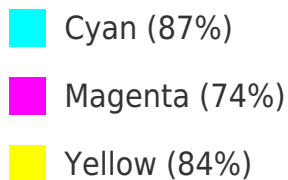
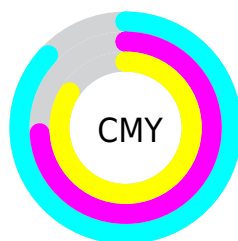
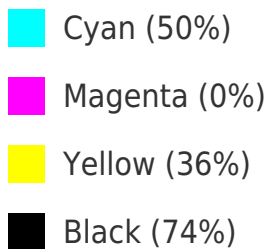
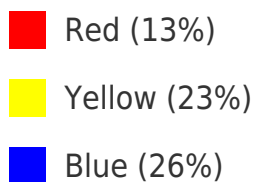
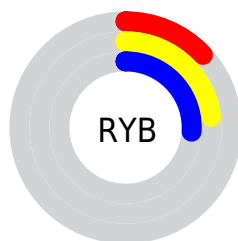
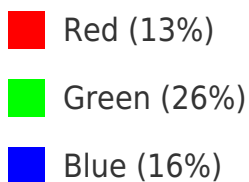
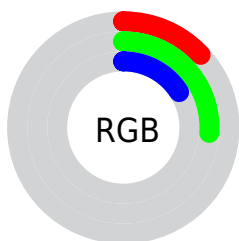
Format	Color
RYB	33, 59, 66
Decimal	2179626
CIELab	24.92, -18.46, 10.96
CIELCh	25, 21.470, 149.305
Yxy	4.3881, 0.2917, 0.4277
Android (android.graphics.Color)	4280369706 (0xFF21422A)
YUV	53.3970, -5.6187, -17.8882
Hunter-Lab	20.9478, -11.1526, 6.5147

Details

The YIQ color **53.3970, -11.9640, -14.4600** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45.6030, 11.9640, 14.4600**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.7560, -11.5970, -15.6050**, and **14.6750, -6.8750, -13.0750** is the 20% darker color. If you saturate the color by 10%, you get **50.7340, -14.5310, -17.4990**, and if you desaturate by 10%, it is **56.0600, -9.3970, -11.4210**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 53.3970, -11.9640, -14.4600 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 53.3970, -11.9640, -14.4600 by changing the saturation by 10% instead.


 53.3970, -11.9640,
-14.4600


 53.3970, -11.9640,
-14.4600


255.0000, -0.0000,
-0.0000


 31.2120, -12.8810,
-14.3610


 100.7560,
-11.5970, -15.6050


 14.6750, -6.8750,
-13.0750

 126.0440,
-12.4680, -16.3400

 0.0000, 0.0000,
0.0000

 151.9300,
-12.1470, -16.6510


 179.2180,
-13.0180, -17.3860


 206.8050,
-13.2930, -17.9090


 234.8050,


-13.2930, -17.9090


 249.3040, -6.9680,
-5.8800


 53.3970, -11.9640,
-14.4600


 53.3970, -11.9640,
-14.4600


 50.7340, -14.5310,
-17.4990


 56.0600, -9.3970,
-11.4210


 48.3700, -16.5020,
-20.3260


 58.4240, -7.4260,
-8.5940


 45.8210, -19.3900,
-23.0540

 60.9730, -4.5380,
-5.8660

 43.4570, -21.3610,
-25.8810

 63.3370, -2.5670,
-3.0390

 40.7940, -23.9280,
-28.9200

 66.0000, -0.0000,
-0.0000

■ 68.6630, 2.5670,
3.0390

■ 71.0270, 4.5380,
5.8660

■ 73.5760, 7.4260,
8.5940

■ 75.9400, 9.3970,
11.4210

Harmonies

Analogous

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



56.2480, 4.6330, -12.3830



53.3970, -11.9640, -14.4600



46.5390, -35.8510, -16.5790

Triad

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



53.3970, -11.9640, -14.4600



55.7490, -26.9140, 3.1820



59.2160, 25.9950, 7.9710

Complementary

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



53.3970, -11.9640, -14.4600



45.6030, 11.9640, 14.4600

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.



60.4530, 21.1340, 13.4700



53.3970, -11.9640, -14.4600



60.1430, -7.2920, 11.0120

Square

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



53.3970, -11.9640, -14.4600



48.0730, -45.8020, -6.9380



61.0480, 9.2130, 14.7570



58.6900, 24.3000, 0.1400

Rectangle

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



53.3970, -11.9640, -14.4600



47.1950, -40.5740, -13.5820



61.0480, 9.2130, 14.7570



59.4980, 25.2610, 10.2610

Sweetspot

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



53.3970, -11.9640, -14.4600



81.9730, -4.5380, -5.8660



59.5470, 5.2290, -12.1710



40.3370, -2.5670, -3.0390



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



53.3970, -11.9640, -14.4600



67.1200, -18.7940, -22.8420



55.2210, -17.1000, -9.4840



31.8750, -1.1460, -1.2580



59.9030, -35.0210, -42.6450



138.4420, -81.1810, -98.1810

Inverse Universe

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



45.6030, 11.9640, 14.4600



54.8800, 18.7940, 22.8420



43.7790, 17.1000, 9.4840



31.1250, 1.1460, 1.2580



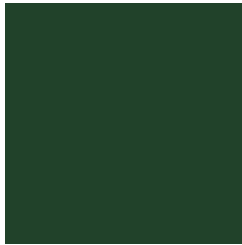
36.9830, 35.3420, 42.3340



85.5580, 81.1810, 98.1810

Previews

White Background



This preview shows how the YIQ color 53.3970, -11.9640, -14.4600 looks on a white background.

Color Contrast Check

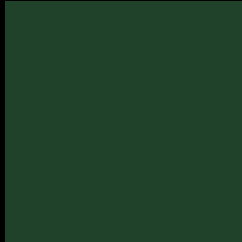
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.3970, -11.9640, -14.4600 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 53.3970, -11.9640, -14.4600

Background



This preview shows how black text looks on a background with the YIQ color 53.3970, -11.9640, -14.4600.



This preview shows how white text looks on a background with the YIQ color 53.3970, -11.9640,

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

53.3970, -11.9640, -14.4600

Protanopia

58.2150, 9.4000, -5.1600

Deuteranopia

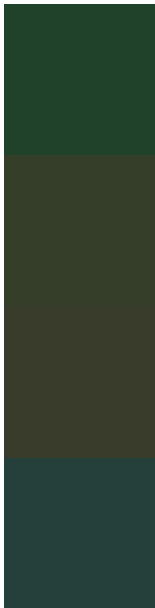
59.4050, 11.9210, -1.2870



Tritanopia

56.3940, -15.9090, -3.5330

Trichromacy



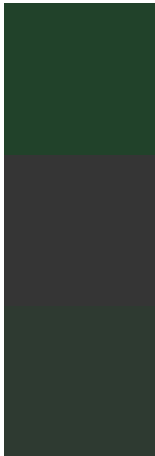
Original Color
53.3970, -11.9640, -14.4600

Protanomaly
56.8010, 1.6980, -8.7500

Deuteranomaly
57.1650, 3.6690, -5.9230

Tritanomaly
55.3570, -14.4870, -7.2790

Monochromacy



Original Color
53.3970, -11.9640, -14.4600

Achromatopsia
53.0000, -0.0000, -0.0000

Achromatomaly
53.3860, -4.2630, -5.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.3970, -11.9640, -14.4600 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(33, 66, 42)` looks like.

```
.text, #text, p{  
    color:rgb(33, 66, 42)  
}
```

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(33, 66, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 66, 42) }
```

Border

The CSS property to change the border of an element to YIQ 53.3970, -11.9640, -14.4600 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(33, 66, 42) }
```


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

```
.border{ border-color:rgb(33, 66, 42) }
```

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

Here you see how a box with a 4 pixel rgb(33, 66, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 66, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 66, 42);  
box-shadow:4px 4px 4px 4px rgb(33, 66, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.3970, -11.9640, -14.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 66, 42) }
```

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

```
.background{ background-color: rgb(33, 66,  
42) }
```

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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