

Converting Colors

YIQ(11.5970, -6.2350, -2.6430)

Have a look what the booklet for
YIQ(11.5970, -6.2350, -2.6430)
contains.

YIQ(11.5970, -6.2350, -2.6430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(11.5970, -6.2350,
-2.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	040F0E
RGB	4, 15, 14
RGB Percent	2%, 6%, 5%
CMY	0.9843, 0.9412, 0.9451
CMYK	0.73, 0.00, 0.07, 0.94
HSL	174°, 58%, 4%
HSV	174°, 73%, 6%
XYZ	0.3001, 0.3992, 0.4765
YIQ	11.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

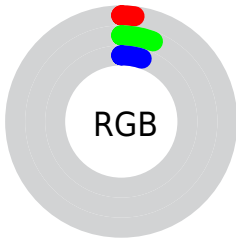
Format	Color
RYB	4, 10, 15
Decimal	265998
CIELab	3.61, -3.25, -0.60
CIELCh	4, 3.306, 190.418
Yxy	0.3992, 0.2552, 0.3395
Android (android.graphics.Color)	4278456078 (0xFF040F0E)
YUV	11.5970, 1.1847, -6.6626
Hunter-Lab	6.3185, -2.5795, -0.0482

Details

The YIQ color **11.5970, -6.2350, -2.6430** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **7.4030, 6.2350, 2.6430**, and the grayscale version is **12.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **55.4940, -4.4470, -2.0070**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.9990, -7.4270, -3.0670**, and if you desaturate by 10%, it is **11.8960, -5.6390, -2.4310**.

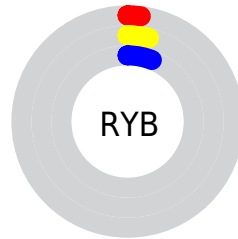
Distribution



Red (2%)

Green (6%)

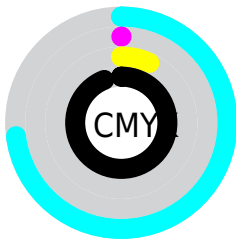
Blue (5%)



Red (2%)

Yellow (4%)

Blue (6%)

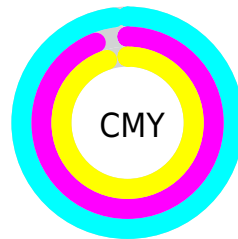


Cyan (73%)

Magenta (0%)

Yellow (7%)

Black (94%)



Cyan (98%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.5970, -6.2350, -2.6430 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 11.5970, -6.2350, -2.6430 by changing the saturation by 10% instead.

■ 11.5970, -6.2350,
-2.6430

■ 11.5970, -6.2350,
-2.6430

■ 235.8960, -5.6390,
-2.4310

■ 0.0000, 0.0000,
0.0000

■ 55.4940, -4.4470,
-2.0070

■ 78.4940, -4.4470,
-2.0070

■ 102.4940, -4.4470,
-2.0070

■ 127.1950, -5.0430,
-2.2190

■ 153.1950, -5.0430,
-2.2190

■ 180.1950, -5.0430,

-2.2190

■ 207.1950, -5.0430,
-2.2190

■ 11.5970, -6.2350,
-2.6430

■ 11.5970, -6.2350,
-2.6430

■ 10.9990, -7.4270,
-3.0670

■ 11.8960, -5.6390,
-2.4310

■ 10.7000, -8.0230,
-3.2790

■ 12.4940, -4.4470,
-2.0070

■ 10.4010, -8.6190,
-3.4910

■ 12.7930, -3.8510,
-1.7950

■ 13.5050, -2.9800,
-1.0600

■ 13.8040, -2.3840,
-0.8480

■ 14.4020, -1.1920,
-0.4240

■ 14.7010, -0.5960,
-0.2120

■ 15.2990, 0.5960,
0.2120

■ 15.5980, 1.1920,
0.4240

Harmonies

Analogous

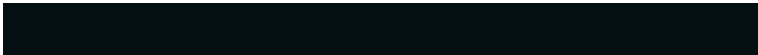
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.7390, -3.7590, -3.4630



11.5970, -6.2350, -2.6430



11.9390, -7.1980, -1.7100

Triad

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



11.5970, -6.2350, -2.6430



13.5810, -0.1380, 2.5020



13.1100, 5.5020, -0.5940

Complementary

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



11.5970, -6.2350, -2.6430



7.4030, 6.2350, 2.6430

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.



13.0500, 5.7310, 0.7630



11.5970, -6.2350, -2.6430



13.5490, 2.8880, 2.7280

Square

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



11.5970, -6.2350, -2.6430



13.0860, -3.1180, 1.4420



13.8050, 5.0430, 2.2190



12.6860, 3.7600, -2.0640

Rectangle

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



11.5970, -6.2350, -2.6430



12.0640, -6.0520, -0.4520



13.8050, 5.0430, 2.2190



13.4090, 6.0980, -0.3820

Sweetspot

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



11.5970, -6.2350, -2.6430



18.8040, -2.3840, -0.8480



10.7560, -2.4290, -5.5410



9.4020, -1.1920, -0.4240



138.0000, -0.0000, -0.0000



10.0000, 0.0000, -0.0000

Same Dimension

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



11.5970, -6.2350, -2.6430



14.5040, -10.4070, -4.1270



9.3630, -5.4560, -0.2400



7.7010, -0.5960, -0.2120



49.0870, -40.3900, -16.9180



137.4470, -112.8260, -47.7860

Inverse Universe

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



7.4030, 6.2350, 2.6430



7.6100, 10.0860, 4.4380



9.6370, 5.4560, 0.2400



7.2990, 0.5960, 0.2120



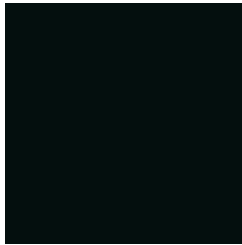
22.0270, 40.0690, 17.2290



61.5530, 112.8260, 47.7860

Previews

White Background



This preview shows how the YIQ color 11.5970, -6.2350, -2.6430 looks on a white background.

Color Contrast Check

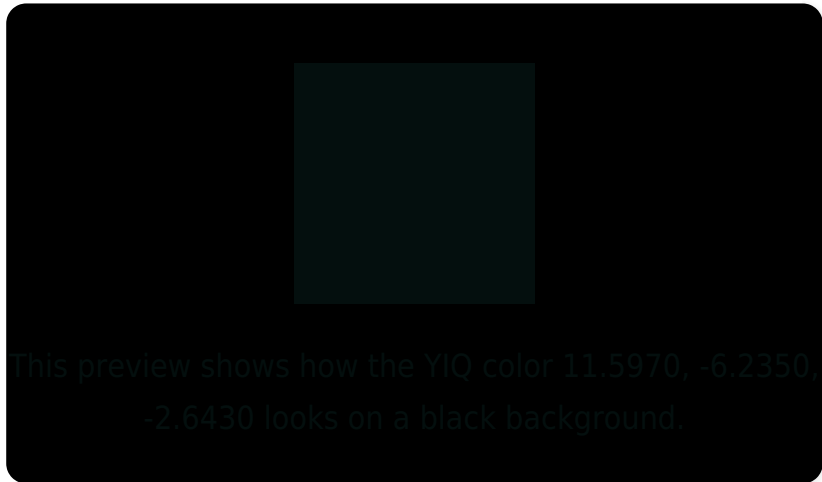
Large Text (above 18pt) WCAG AA ✓ Pass

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

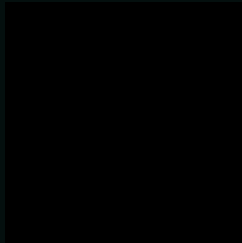
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.5970, -6.2350, -2.6430

Background



This preview shows how black text looks on a background with the YIQ color 11.5970, -6.2350, -2.6430.



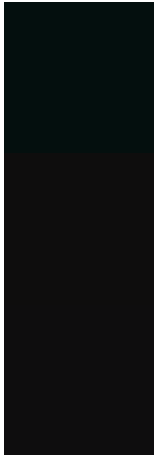
This preview shows how white text looks on a background with the YIQ color 11.5970, -6.2350,

-2.6430.

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

11.5970, -6.2350, -2.6430

Protanopia

13.2990, 0.5960, 0.2120

Deuteranopia

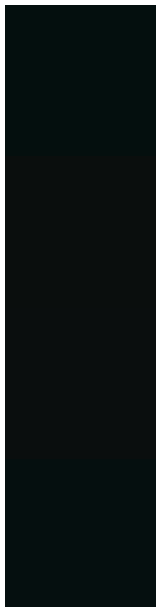
13.4130, 0.2750, 0.5230



Tritanopia

12.1240, -6.2810, -1.8090

Trichromacy



Original Color

11.5970, -6.2350, -2.6430

Protanomaly

12.6900, -2.0630, -1.1590

Deuteranomaly

12.8040, -2.3840, -0.8480

Tritanomaly

12.0100, -5.9600, -2.1200

Monochromacy



Original Color

11.5970, -6.2350, -2.6430

Achromatopsia

12.0000, -0.0000, 0.0000

Achromatomaly

11.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.5970, -6.2350, -2.6430 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(4, 15, 14)` looks like.

```
.text, #text, p{  
    color:rgb(4, 15, 14)  
}
```

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(4, 15, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 15, 14) }
```

Border

The CSS property to change the border of an element to YIQ 11.5970, -6.2350, -2.6430 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(4, 15, 14) }
```


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

```
.border{ border-color:rgb(4, 15, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 15, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 15, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 15, 14); box-shadow:4px  
4px 4px 4px rgb(4, 15, 14) }
```

Background

The CSS property to change the background color of an element to YIQ 11.5970, -6.2350, -2.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 15, 14) }
```

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

```
.background{ background-color: rgb(4, 15,  
14) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor