

Converting Colors

YIQ(35.7560, -11.5970,
-15.6050)

Have a look what the booklet for
YIQ(35.7560, -11.5970, -15.6050)
contains.

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Color

**YIQ(35.7560, -11.5970,
-15.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3116
RGB	15, 49, 22
RGB Percent	6%, 19%, 9%
CMY	0.9413, 0.8078, 0.9137
CMYK	0.69, 0.00, 0.55, 0.81
HSL	132°, 53%, 13%
HSV	132°, 69%, 19%
XYZ	1.4403, 2.3571, 1.1378
YIQ	35.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

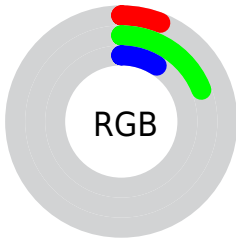
Format	Color
R_{YB}	15, 43, 49
Decimal	995606
CIE _{Lab}	17.26, -19.63, 13.62
CIE _{LCh}	17, 23.892, 145.249
Yxy	2.3571, 0.2918, 0.4776
Android (android.graphics.Color)	4279185686 (0xFF0F3116)
YUV	35.7560, -6.7817, -18.2030
Hunter-Lab	15.3527, -10.1220, 6.3530

Details

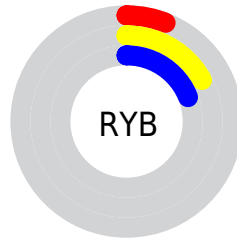
The YIQ color **35.7560, -11.5970, -15.6050** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.2440, 11.5970, 15.6050**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0010, -10.9090, -17.0610**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.8050, -13.2930, -17.9090**, and if you desaturate by 10%, it is **37.7070, -9.9010, -13.3010**.

Distribution



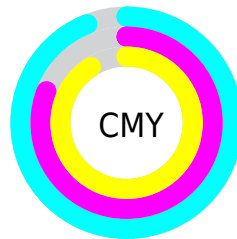
- Red (6%)
- Green (19%)
- Blue (9%)



- Red (6%)
- Yellow (17%)
- Blue (19%)



- Cyan (69%)
- Magenta (0%)
- Yellow (55%)
- Black (81%)



- Cyan (94%)
- Magenta (81%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.7560, -11.5970, -15.6050 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 35.7560, -11.5970, -15.6050 by changing the saturation by 10% instead.

■ 35.7560, -11.5970,
-15.6050

■ 35.7560, -11.5970,
-15.6050

■ 251.6250, -3.4380,
-3.7740

■ 17.0230, -7.9750,
-15.1670

■ 82.0010, -10.9090,
-17.0610

■ 0.0000, 0.0000,
0.0000

■ 106.5880,
-11.1840, -17.5840


■ 131.4740,
-10.8630, -17.8950


■ 158.0610,
-11.1380, -18.4180


■ 185.2350,
-11.6880, -19.4640


■ 212.8220,


-11.9630, -19.9870


 239.6480,
-11.4130, -18.9410


 35.7560, -11.5970,
-15.6050


 35.7560, -11.5970,
-15.6050


 33.8050, -13.2930,
-17.9090


 37.7070, -9.9010,
-13.3010


 31.8540, -14.9890,
-20.2130

 39.6580, -8.2050,
-10.9970

 29.9030, -16.6850,
-22.5170

 41.6090, -6.5090,
-8.6930

 43.5600, -4.8130,
-6.3890

 45.0980, -3.3920,
-4.6080

■ 47.0490, -1.6960,
-2.3040

■ 49.0000, -0.0000,
-0.0000

■ 50.9510, 1.6960,
2.3040

■ 52.9020, 3.3920,
4.6080

Harmonies

Analogous

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



39.1620, 7.7510, -13.8250



35.7560, -11.5970, -15.6050



34.3830, -26.5440, -14.5440

Triad

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



35.7560, -11.5970, -15.6050



35.1930, -37.0920, 0.4120



41.5690, 26.4990, 9.8510

Complementary

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



35.7560, -11.5970, -15.6050



28.2440, 11.5970, 15.6050

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.



42.6210, 20.7210, 15.4490



35.7560, -11.5970, -15.6050



42.5770, -11.5100, 10.3620

Square

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



35.7560, -11.5970, -15.6050



36.7430, -35.9450, -3.8570



44.0910, 7.6540, 15.4780



41.5870, 26.0880, 0.7760

Rectangle

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



35.7560, -11.5970, -15.6050



35.7510, -30.3960, -10.8120



44.0910, 7.6540, 15.4780



41.8510, 25.7650, 12.1410

Sweetspot

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



35.7560, -11.5970, -15.6050



58.5600, -4.8130, -6.3890



43.0310, 6.7420, -12.0580



29.9240, -2.8420, -3.5620



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



35.7560, -11.5970, -15.6050



43.3650, -18.1060, -24.2980



37.6940, -17.0540, -10.3180



24.7610, -0.8250, -1.5690



54.2950, -30.2530, -40.9490



132.5090, -74.1200, -99.4960

Inverse Universe

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



28.2440, 11.5970, 15.6050



31.6350, 18.1060, 24.2980



26.3060, 17.0540, 10.3180



24.1250, 1.1460, 1.2580



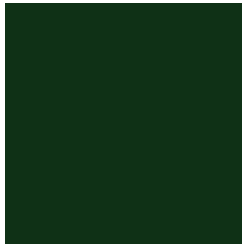
34.7050, 30.2530, 40.9490



84.4910, 74.1200, 99.4960

Previews

White Background



This preview shows how the YIQ color 35.7560, -11.5970, -15.6050 looks on a white background.

Color Contrast Check

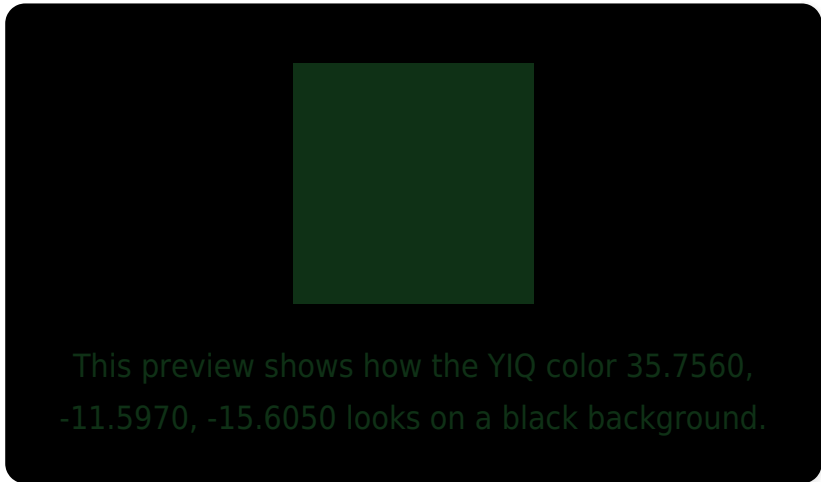
Large Text (above 18pt) WCAG AA ✓ Pass

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

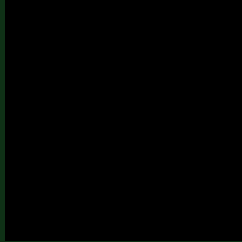
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.7560, -11.5970, -15.6050

Background



This preview shows how black text looks on a background with the YIQ color 35.7560, -11.5970, -15.6050.



This preview shows how white text looks on a background with the YIQ color 35.7560, -11.5970,

-15.6050.

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

35.7560, -11.5970, -15.6050

Protanopia

41.5740, 9.7670, -6.3050

Deuteranopia

42.3510, 12.0130, -2.9550



Tritanopia

39.8780, -14.3960, -3.4200

Trichromacy



Original Color

35.7560, -11.5970, -15.6050

Protanomaly

39.2740, 1.7440, -9.5840

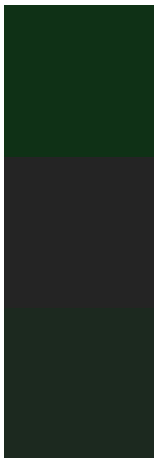
Deuteranomaly

40.1110, 3.7610, -7.5910

Tritanomaly

38.4280, -13.2490, -7.6890

Monochromacy



Original Color

35.7560, -11.5970, -15.6050

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.7560, -11.5970, -15.6050 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(15, 49, 22)` looks like.

```
.text, #text, p{  
    color:rgb(15, 49, 22)  
}
```

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(15, 49, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 49, 22) }
```

Border

The CSS property to change the border of an element to YIQ 35.7560, -11.5970, -15.6050 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(15, 49, 22) }
```


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

```
.border{ border-color:rgb(15, 49, 22) }
```

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

Here you see how a box with a 4 pixel rgb(15, 49, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 49, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 49, 22);  
box-shadow:4px 4px 4px 4px rgb(15, 49, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.7560, -11.5970, -15.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 49, 22) }
```

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

```
.background{ background-color: rgb(15, 49,  
22) }
```

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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