

Converting Colors

YIQ(85.3610, -3.1150, -15.1390)

Have a look what the booklet for
YIQ(85.3610, -3.1150, -15.1390)
contains.

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Color

**YIQ(85.3610, -3.1150,
-15.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	49603F
RGB	73, 96, 63
RGB Percent	29%, 38%, 25%
CMY	0.7138, 0.6235, 0.7529
CMYK	0.24, 0.00, 0.34, 0.62
HSL	102°, 21%, 31%
HSV	102°, 34%, 38%
XYZ	7.8272, 10.1421, 6.2482
YIQ	85.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

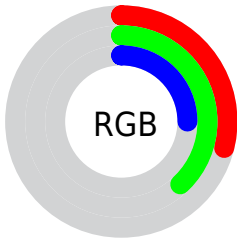
Format	Color
RYB	63, 96, 86
Decimal	4808767
CIELab	38.10, -15.64, 16.13
CIElCh	38, 22.465, 134.122
Yxy	10.1421, 0.3232, 0.4188
Android (android.graphics.Color)	4282998847 (0xFF49603F)
YUV	85.3610, -11.0240, -10.8406
Hunter-Lab	31.8467, -11.8602, 10.6602

Details

The YIQ color **85.3610, -3.1150, -15.1390** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.6390, 3.1150, 15.1390**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4210, -3.3440, -16.4960**, and **40.0020, -3.4820, -13.9940** is the 20% darker color. If you saturate the color by 10%, you get **82.1280, -4.0770, -19.7330**, and if you desaturate by 10%, it is **88.5940, -2.1530, -10.5450**.

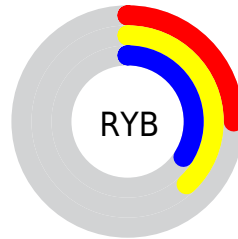
Distribution



Red (29%)

Green (38%)

Blue (25%)



Red (25%)

Yellow (38%)

Blue (34%)

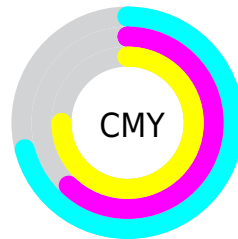


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.3610, -3.1150, -15.1390 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 85.3610, -3.1150, -15.1390 by changing the saturation by 10% instead.

■ 85.3610, -3.1150,
-15.1390

■ 85.3610, -3.1150,
-15.1390

■ 255.0000, -0.0000,
-0.0000

■ 61.8880, -3.1610,
-14.3050

■ 135.4210, -3.3440,
-16.4960

■ 40.0020, -3.4820,
-13.9940

■ 161.3070, -3.0230,
-16.8070

■ 18.5180, -4.9950,
-14.1070

■ 188.8940, -3.2980,
-17.3300

■ 0.0000, 0.0000,
0.0000

■ 216.7800, -2.9770,
-17.6410

■ 243.6060, -2.4270,
-16.5950

■ 253.9740, 2.8890,

-2.7990

■ 85.3610, -3.1150,
-15.1390

■ 85.3610, -3.1150,
-15.1390

■ 82.1280, -4.0770,
-19.7330

■ 88.5940, -2.1530,
-10.5450

■ 79.3080, -4.7640,
-23.8040

■ 91.4140, -1.4660,
-6.4740

■ 76.0750, -5.7260,
-28.3980

■ 94.6470, -0.5040,
-1.8800

■ 72.9560, -7.0090,
-32.6810

■ 97.7660, 0.7790,
2.4030

■ 69.7230, -7.9710,
-37.2750

■ 100.7000, 1.1450,
6.7850

■ 66.7890, -8.3370,
-41.6570

■ 103.9330, 2.1070,
11.3790

■ 65.0230, -9.1160,
-44.0600

■ 107.0520, 3.3900,
15.6620

■ 110.2850, 4.3520,
20.2560

■ 113.1050, 5.0390,
24.3270

Harmonies

Analogous

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



87.3800, 13.0690, -11.0830



85.3610, -3.1150, -15.1390



82.3680, -22.1880, -16.3960

Triad

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



85.3610, -3.1150, -15.1390



83.6660, -37.0460, -0.4220



91.3350, 27.2780, 12.2540

Complementary

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



85.3610, -3.1150, -15.1390



73.6390, 3.1150, 15.1390

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.



92.1800, 17.6490, 16.0570



85.3610, -3.1150, -15.1390



89.2280, -17.8370, 9.3870

Square

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



85.3610, -3.1150, -15.1390



77.3990, -49.8360, -10.9240



92.1550, 1.6020, 15.0260



90.2610, 30.1220, 4.7620

Rectangle

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



85.3610, -3.1150, -15.1390



79.0660, -35.8970, -15.7450



92.1550, 1.6020, 15.0260



91.7200, 24.7560, 13.9080

Sweetspot

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



85.3610, -3.1150, -15.1390



120.8270, -1.1910, -5.9510



86.3680, 13.3430, -5.0330



61.2940, -1.0080, -3.7600



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



85.3610, -3.1150, -15.1390



108.4220, -5.0850, -23.4930



83.0550, -11.0010, -15.3930



46.6470, -0.5040, -1.8800



75.9100, -10.5360, -51.3680



162.4080, -23.0880, -110.2560

Inverse Universe

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



73.6390, 3.1150, 15.1390



90.2790, 4.4890, 23.2810



75.9450, 11.0010, 15.3930



45.3530, 0.5040, 1.8800



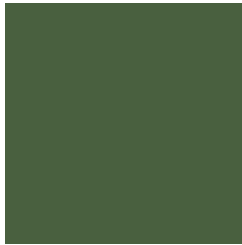
36.0900, 10.5360, 51.3680



77.2930, 22.4920, 110.0440

Previews

White Background



This preview shows how the YIQ color 85.3610, -3.1150, -15.1390 looks on a white background.

Color Contrast Check

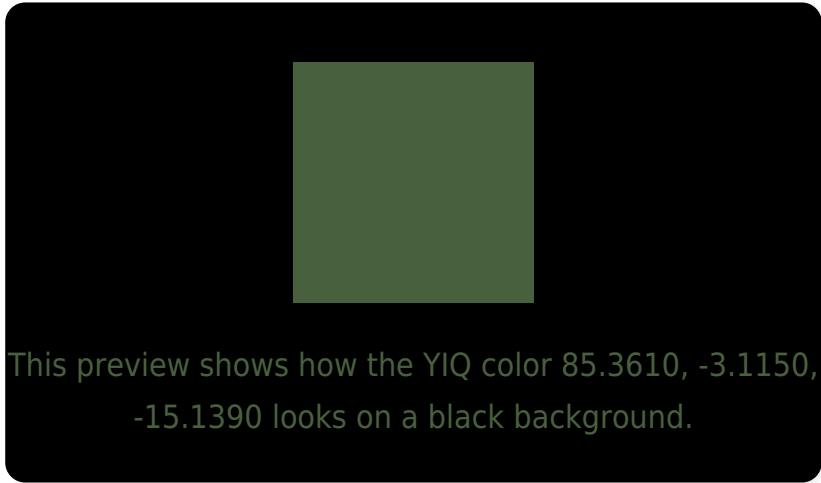
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

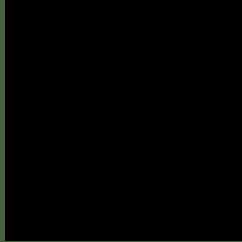
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 85.3610, -3.1150, -15.1390

Background



This preview shows how black text looks on a background with the YIQ color 85.3610, -3.1150, -15.1390.



This preview shows how white text looks on a background with the YIQ color 85.3610, -3.1150,

-15.1390.

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

85.3610, -3.1150, -15.1390

Protanopia

88.0860, 14.0770, -7.3230

Deuteranopia

89.5860, 18.6610, -2.2910



Tritanopia

88.9110, -9.9950, -0.5790

Trichromacy



Original Color

85.3610, -3.1150, -15.1390

Protanomaly

87.2700, 7.5670, -10.4890

Deuteranomaly

88.2320, 10.7300, -7.2380

Tritanomaly

87.4180, -7.2890, -5.5690

Monochromacy



Original Color

85.3610, -3.1150, -15.1390

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3610, -3.1150, -15.1390 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(73, 96, 63)` looks like.

```
.text, #text, p{  
    color:rgb(73, 96, 63)  
}
```

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(73, 96, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 96, 63) }
```

Border

The CSS property to change the border of an element to YIQ 85.3610, -3.1150, -15.1390 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(73, 96, 63) }
```


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

```
.border{ border-color:rgb(73, 96, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 96, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 96, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 96, 63);  
box-shadow:4px 4px 4px 4px rgb(73, 96, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.3610, -3.1150, -15.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 96, 63) }
```

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

```
.background{ background-color: rgb(73, 96,  
63) }
```

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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