

Converting Colors

YIQ(69.3120, -46.1180,
-34.2620)

Have a look what the booklet for
YIQ(69.3120, -46.1180, -34.2620)
contains.

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Color

**YIQ(69.3120, -46.1180,
-34.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	04683E
RGB	4, 104, 62
RGB Percent	2%, 41%, 24%
CMY	0.9846, 0.5920, 0.7570
CMYK	0.96, 0.00, 0.40, 0.59
HSL	155°, 93%, 21%
HSV	155°, 96%, 41%
XYZ	5.8722, 10.2818, 6.2270
YIQ	69.3120, -46.1180, -34.2620

Conversions

Conversions Part 2

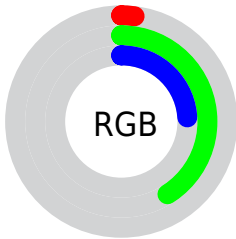
Format	Color
RYB	4, 67, 104
Decimal	288830
CIELab	38.34, -36.58, 16.64
CIElCh	38, 40.184, 155.537
Yxy	10.2818, 0.2624, 0.4594
Android (android.graphics.Color)	4278478910 (0xFF04683E)
YUV	69.3120, -3.6048, -57.2786
Hunter-Lab	32.0653, -23.4250, 10.9317

Details

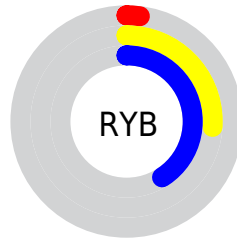
The YIQ color **69.3120, -46.1180, -34.2620** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **38.6880, 46.1180, 34.2620**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.6400, -35.2980, -32.1140**, and **34.4510, -21.2240, -22.8560** is the 20% darker color. If you saturate the color by 10%, you get **67.8880, -47.8600, -35.7320**, and if you desaturate by 10%, it is **72.7580, -41.4420, -30.8980**.

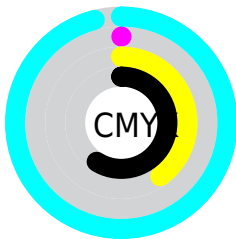
Distribution



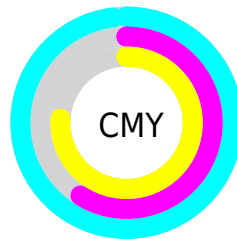
- Red (2%)
- Green (41%)
- Blue (24%)



- Red (2%)
- Yellow (26%)
- Blue (41%)



- Cyan (96%)
- Magenta (0%)
- Yellow (40%)
- Black (59%)



- Cyan (98%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.3120, -46.1180, -34.2620 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 69.3120, -46.1180, -34.2620 by changing the saturation by 10% instead.

■ 69.3120, -46.1180,
-34.2620

■ 69.3120, -46.1180,
-34.2620

■ 255.0000, -0.0000,
-0.0000

■ 50.9330, -34.5650,
-28.8770

■ 125.6400,
-35.2980, -32.1140

■ 35.0380, -21.4990,
-23.3790

■ 152.4120,
-34.6560, -32.7360

■ 21.1320, -9.9000,
-18.8280

■ 180.2980,
-34.3350, -33.0470

■ 0.0000, 0.0000,
0.0000

■ 208.4720,
-34.8850, -34.0930

■ 228.8410,
-31.3100, -27.2940

■ 240.7040,

-23.0140, -12.4380

■ 250.5150, -8.9400,
-3.1800

■ 69.3120, -46.1180,
-34.2620

■ 69.3120, -46.1180,
-34.2620

■ 67.8880, -47.8600,
-35.7320

■ 72.7580, -41.4420,
-30.8980

■ 76.6170, -36.4910,
-27.0110

■ 80.0630, -31.8150,
-23.6470

■ 83.8080, -26.5430,
-20.0710

■ 87.3680, -22.1880,
-16.3960

■ 90.8140, -17.5120,
-13.0320

■ 94.6730, -12.5610,
-9.1450

■ 98.1190, -7.8850,
-5.7810

■ 101.8640, -2.6130,
-2.2050

Harmonies

Analogous

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



82.3210, 2.3890, -26.7870



69.3120, -46.1180, -34.2620



73.1660, -59.9660, -25.5820

Triad

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



69.3120, -46.1180, -34.2620



80.3450, -57.7710, 6.2370



88.5520, 51.5320, 13.2280

Complementary

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



69.3120, -46.1180, -34.2620



38.6880, 46.1180, 34.2620

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.



89.5750, 44.6980, 26.9540



69.3120, -46.1180, -34.2620



92.2760, -8.6240, 24.1440

Square

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



69.3120, -46.1180, -34.2620



76.2730, -75.6040, -6.4840



92.2600, 23.8360, 30.5880



88.2500, 45.8500, -4.9500

Rectangle

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



69.3120, -46.1180, -34.2620



75.5600, -66.7070, -19.0510



92.2600, 23.8360, 30.5880



88.8280, 50.9350, 18.5430

Sweetspot

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



69.3120, -46.1180, -34.2620



121.5150, -18.1080, -13.2440



75.5570, -1.8720, -43.1840



60.6840, -11.0940, -8.1980



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



69.3120, -46.1180, -34.2620



88.1370, -62.1630, -46.3470



69.9910, -57.6750, -17.5390



49.2770, -2.3380, -1.6820



75.1430, -53.1320, -39.3080



158.0140, -111.4900, -83.0260

Inverse Universe

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



38.6880, 46.1180, 34.2620



46.8630, 62.1630, 46.3470



38.0090, 57.6750, 17.5390



47.7230, 2.3380, 1.6820



39.8570, 53.1320, 39.3080



83.9860, 111.4900, 83.0260

Previews

White Background



This preview shows how the YIQ color 69.3120, -46.1180, -34.2620 looks on a white background.

Color Contrast Check

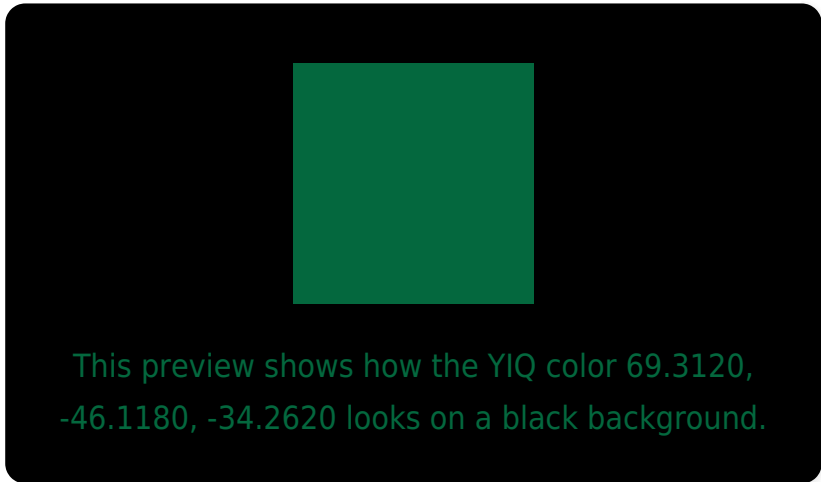
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.3120, -46.1180, -34.2620

Background



This preview shows how black text looks on a background with the YIQ color 69.3120, -46.1180, -34.2620.



This preview shows how white text looks on a background with the YIQ color 69.3120, -46.1180,

-34.2620.

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

69.3120, -46.1180, -34.2620

Protanopia

88.5160, 15.6820, -8.8780

Deuteranopia

89.9990, 18.9360, -1.7680



Tritanopia

81.6730, -38.9240, -10.4440

Trichromacy



Original Color

69.3120, -46.1180, -34.2620

Protanomaly

81.5130, -6.5990, -18.0790

Deuteranomaly

82.9310, -4.7200, -13.5840

Tritanomaly

77.4350, -41.4900, -19.0100

Monochromacy



Original Color

69.3120, -46.1180, -34.2620

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.1130, -16.9160, -12.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.3120, -46.1180, -34.2620 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, 104, 62)` looks like.

```
.text, #text, p{  
    color:rgb(4, 104, 62)  
}
```

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, 104, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 104, 62) }
```

Border

The CSS property to change the border of an element to YIQ 69.3120, -46.1180, -34.2620 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, 104, 62) }
```


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

```
.border{ border-color:rgb(4, 104, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 104, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 104, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 104, 62);  
box-shadow:4px 4px 4px 4px rgb(4, 104, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.3120, -46.1180, -34.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 104, 62) }
```

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

```
.background{ background-color: rgb(4, 104,  
62) }
```

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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