

Converting Colors

YIQ(81.7070, -1.8740, -32.1300)

Have a look what the booklet for
YIQ(81.7070, -1.8740, -32.1300)
contains.

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Color

**YIQ(81.7070, -1.8740,
-32.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	3C671D
RGB	60, 103, 29
RGB Percent	24%, 40%, 11%
CMY	0.7649, 0.5960, 0.8862
CMYK	0.42, 0.00, 0.72, 0.60
HSL	95°, 56%, 26%
HSV	95°, 72%, 40%
XYZ	6.9351, 10.7523, 2.8731
YIQ	81.7070, -1.8740, -32.1300

Conversions

Conversions Part 2

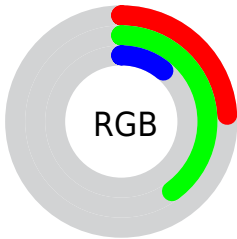
Format	Color
R_{YB}	29, 103, 72
Decimal	3958557
CIE _{Lab}	39.16, -28.83, 35.56
CIE _{LCh}	39, 45.776, 129.028
Yxy	10.7523, 0.3373, 0.5230
Android (android.graphics.Color)	4282148637 (0xFF3C671D)
YUV	81.7070, -25.9846, -19.0370
Hunter-Lab	32.7907, -19.6315, 17.7585

Details

The YIQ color **81.7070, -1.8740, -32.1300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **50.2930, 1.8740, 32.1300**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.3650, -0.9110, -33.0630**, and **34.9760, -9.7610, -26.8570** is the 20% darker color. If you saturate the color by 10%, you get **78.7730, -2.2400, -36.5120**, and if you desaturate by 10%, it is **84.6410, -1.5080, -27.7480**.

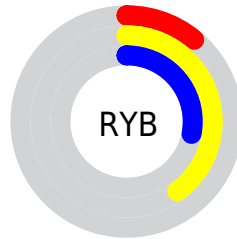
Distribution



Red (24%)

Green (40%)

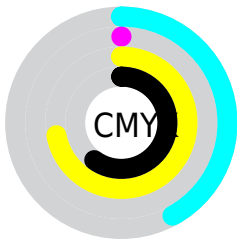
Blue (11%)



Red (11%)

Yellow (40%)

Blue (28%)

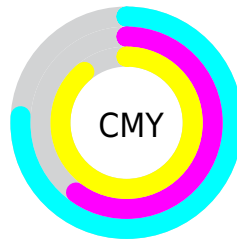


Cyan (42%)

Magenta (0%)

Yellow (72%)

Black (60%)



Cyan (76%)

Magenta (60%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.7070, -1.8740, -32.1300 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 81.7070, -1.8740, -32.1300 by changing the saturation by 10% instead.

■ 81.7070, -1.8740,
-32.1300

■ 81.7070, -1.8740,
-32.1300

■ 255.0000, -0.0000,
-0.0000

■ 57.1800, -1.8280,
-32.9640

■ 132.9520, -1.1860,
-33.5860

■ 34.9760, -9.7610,
-26.8570

■ 158.8380, -0.8650,
-33.8970

■ 20.5450, -9.6250,
-18.3050

■ 186.6100, -0.2230,
-34.5190

■ 0.0000, 0.0000,
0.0000

■ 214.7840, -0.7730,
-35.5650

■ 236.5120, 3.1690,
-29.9110

■ 248.3750, 11.4650,

-15.0550

■ 253.0620, 5.4570,
-5.2870

■ 81.7070, -1.8740,
-32.1300

■ 81.7070, -1.8740,
-32.1300

■ 78.7730, -2.2400,
-36.5120

■ 84.6410, -1.5080,
-27.7480

■ 75.7250, -2.2850,
-41.2050

■ 87.6890, -1.4630,
-23.0550

■ 73.3180, -2.6970,
-44.7530

■ 90.6230, -1.0970,
-18.6730

■ 93.5570, -0.7310,
-14.2910

■ 96.6050, -0.6860,
-9.5980

■ 99.5390, -0.3200,
-5.2160

■ 102.4730, 0.0460,
-0.8340

■ 105.4070, 0.4120,
3.5480

■ 108.4550, 0.4570,
8.2410

Harmonies

Analogous

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



85.5340, 32.4660, -26.7180



81.7070, -1.8740, -32.1300



70.6920, -50.2440, -36.5800

Triad

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



81.7070, -1.8740, -32.1300



78.9290, -80.3270, -3.4870



89.2880, 52.9960, 30.7560

Complementary

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



81.7070, -1.8740, -32.1300



50.2930, 1.8740, 32.1300

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.



92.8420, 31.1250, 36.1570



81.7070, -1.8740, -32.1300



80.6910, -64.5570, 8.0750

Square

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



81.7070, -1.8740, -32.1300



79.7150, -74.2730, -14.0890



94.5910, -4.9570, 29.2750



89.2600, 58.2260, 13.0580

Rectangle

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



81.7070, -1.8740, -32.1300



74.2430, -58.8650, -29.0170



94.5910, -4.9570, 29.2750



90.0580, 47.9520, 34.0640

Sweetspot

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



81.7070, -1.8740, -32.1300



126.4970, -0.5020, -12.9340



75.7800, 32.5540, -6.2780



63.6590, -0.7780, -7.9300



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.



81.7070, -1.8740, -32.1300



101.7430, -2.6960, -50.2800



73.0080, -21.9550, -37.1470



49.5330, -0.1830, -2.1910



81.8570, -3.0170, -49.9690



172.2530, -6.3540, -105.1540

Inverse Universe

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



50.2930, 1.8740, 32.1300



52.5560, 3.2920, 50.4920



58.9920, 21.9550, 37.1470



47.4670, 0.1830, 2.1910



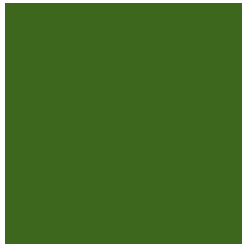
33.1430, 3.0170, 49.9690



69.7470, 6.3540, 105.1540

Previews

White Background



This preview shows how the YIQ color 81.7070, -1.8740, -32.1300 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



This preview shows how the YIQ color 81.7070, -1.8740, -32.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

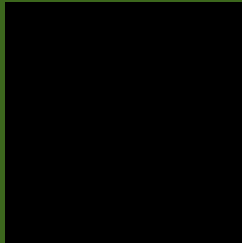
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.7070, -1.8740, -32.1300

Background



This preview shows how black text looks on a background with the YIQ color 81.7070, -1.8740, -32.1300.



This preview shows how white text looks on a background with the YIQ color 81.7070, -1.8740,

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

81.7070, -1.8740, -32.1300

Protanopia

87.7650, 27.7420, -18.1940

Deuteranopia

89.4440, 33.3800, -10.2360



Tritanopia

89.4370, -17.4680, -2.8120

Trichromacy



Original Color

81.7070, -1.8740, -32.1300

Protanomaly

85.4430, 16.7850, -23.3670

Deuteranomaly

86.7580, 20.4520, -18.2360

Tritanomaly

86.9240, -12.0100, -13.6260

Monochromacy



Original Color

81.7070, -1.8740, -32.1300

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.1380, -0.8690, -11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.7070, -1.8740, -32.1300 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(60, 103, 29)` looks like.

```
.text, #text, p{  
    color:rgb(60, 103, 29)  
}
```

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(60, 103, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 103, 29) }
```

Border

The CSS property to change the border of an element to YIQ 81.7070, -1.8740, -32.1300 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(60, 103, 29) }
```


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

```
.border{ border-color:rgb(60, 103, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 103, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 103, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 103, 29);  
box-shadow:4px 4px 4px 4px rgb(60, 103,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 81.7070, -1.8740, -32.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 103, 29) }
```

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

```
.background{ background-color: rgb(60, 103,  
29) }
```

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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