

Converting Colors

YIQ(79.4670, -18.1530,
-17.9370)

Have a look what the booklet for
YIQ(79.4670, -18.1530, -17.9370)
contains.

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Color

**YIQ(79.4670, -18.1530,
-17.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	336045
RGB	51, 96, 69
RGB Percent	20%, 38%, 27%
CMY	0.8001, 0.6234, 0.7295
CMYK	0.47, 0.00, 0.28, 0.62
HSL	144°, 31%, 29%
HSV	144°, 47%, 38%
XYZ	6.6220, 9.5017, 7.1131
YIQ	79.4670, -18.1530, -17.9370

Conversions

Conversions Part 2

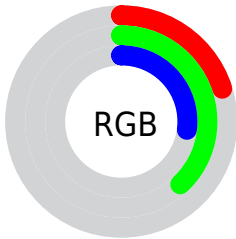
Format	Color
R_{YB}	51, 83, 96
Decimal	3366981
CIE _{Lab}	36.93, -22.42, 10.71
CIE _{LCh}	37, 24.846, 154.456
Yxy	9.5017, 0.2850, 0.4089
Android (android.graphics.Color)	4281557061 (0xFF336045)
YUV	79.4670, -5.1602, -24.9656
Hunter-Lab	30.8248, -15.5967, 7.8957

Details

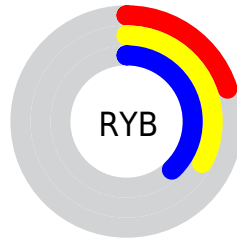
The YIQ color **79.4670, -18.1530, -17.9370** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.5330, 18.1530, 17.9370**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.5270, -18.3820, -19.2940**, and **32.0260, -21.2250, -17.3290** is the 20% darker color. If you saturate the color by 10%, you get **75.7930, -22.1870, -21.9230**, and if you desaturate by 10%, it is **83.1410, -14.1190, -13.9510**.

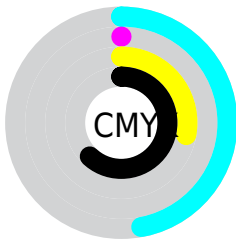
Distribution



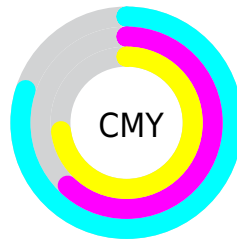
- Red (20%)
- Green (38%)
- Blue (27%)



- Red (20%)
- Yellow (33%)
- Blue (38%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4670, -18.1530, -17.9370 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 79.4670, -18.1530, -17.9370 by changing the saturation by 10% instead.

■ 79.4670, -18.1530,
-17.9370

■ 79.4670, -18.1530,
-17.9370

■ 255.0000, -0.0000,
-0.0000

■ 55.6950, -18.7950,
-17.3150

■ 129.5270,
-18.3820, -19.2940

■ 32.0260, -21.2250,
-17.3290

■ 156.1140,
-18.6570, -19.8170

■ 17.6100, -8.2500,
-15.6900

■ 182.7010,
-18.9320, -20.3400

■ 0.0000, 0.0000,
0.0000

■ 210.4020,
-19.5280, -20.5520

■ 237.2280,
-18.9780, -19.5060

■ 249.0910,

-10.6820, -4.6500

■ 79.4670, -18.1530,
-17.9370

■ 79.4670, -18.1530,
-17.9370

■ 75.7930, -22.1870,
-21.9230

■ 83.1410, -14.1190,
-13.9510

■ 72.4180, -25.6250,
-25.6970

■ 86.5160, -10.6810,
-10.1770

■ 68.8580, -29.9800,
-29.3720

■ 90.0760, -6.3260,
-6.5020

■ 65.4830, -33.4180,
-33.1460

■ 93.4510, -2.8880,
-2.7280

■ 61.8090, -37.4520,
-37.1320

■ 97.1250, 1.1460,
1.2580

■ 60.6840, -38.5980,
-38.3900

■ 100.7990, 5.1800,
5.2440

■ 104.0600, 8.9390,
8.7070

■ 107.7340, 12.9730,
12.6930

■ 111.1090, 16.4110,
16.4670

Harmonies

Analogous

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



82.7700, 2.9830, -15.5210



79.4670, -18.1530, -17.9370



72.7660, -43.9200, -19.0240

Triad

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



79.4670, -18.1530, -17.9370



84.6720, -28.0150, 6.6170



87.9240, 32.6890, 7.8010

Complementary

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



79.4670, -18.1530, -17.9370



67.5330, 18.1530, 17.9370

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.



88.7420, 27.6900, 15.8020



79.4670, -18.1530, -17.9370



89.0340, -5.3670, 14.6730

Square

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



79.4670, -18.1530, -17.9370



75.3650, -52.4960, -6.7680



89.4940, 13.8890, 18.1210



86.8600, 29.5730, -1.8110

Rectangle

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



79.4670, -18.1530, -17.9370



68.6810, -59.7380, -18.6980



89.4940, 13.8890, 18.1210



87.7330, 31.9090, 10.9250

Sweetspot

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



79.4670, -18.1530, -17.9370



118.3640, -7.1970, -7.2370



85.7870, 4.3130, -17.5990



59.9130, -4.3090, -4.5090



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.



79.4670, -18.1530, -17.9370



99.2820, -28.2380, -27.9020



81.9750, -25.2150, -11.0950



46.5760, -1.7420, -1.4700



70.8740, -45.2450, -44.5810



151.8240, -96.8160, -95.6640

Inverse Universe

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



67.5330, 18.1530, 17.9370



80.7180, 28.2380, 27.9020



65.0250, 25.2150, 11.0950



45.5380, 1.4210, 1.7810



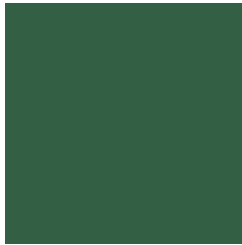
41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Previews

White Background



This preview shows how the YIQ color 79.4670, -18.1530, -17.9370 looks on a white background.

Color Contrast Check

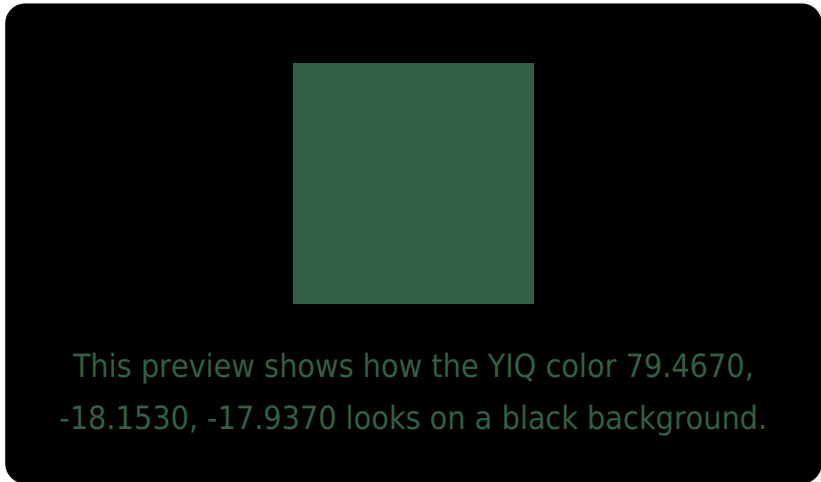
Large Text (above 18pt) WCAG AA ✓ Pass

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

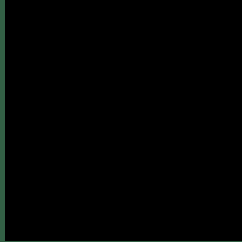
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4670, -18.1530, -17.9370

Background



This preview shows how black text looks on a background with the YIQ color 79.4670, -18.1530, -17.9370.



This preview shows how white text looks on a background with the YIQ color 79.4670, -18.1530,

-17.9370.

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

79.4670, -18.1530, -17.9370

Protanopia

85.6990, 10.9130, -5.0470

Deuteranopia

86.8290, 13.6630, 0.1830



Tritanopia

82.9310, -21.9150, -4.8190

Trichromacy



Original Color

79.4670, -18.1530, -17.9370

Protanomaly

83.6760, 0.5520, -10.0080

Deuteranomaly

84.2680, 1.8810, -6.5590

Tritanomaly

81.3670, -20.4470, -9.3990

Monochromacy



Original Color

79.4670, -18.1530, -17.9370

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0760, -6.3260, -6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4670, -18.1530, -17.9370 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(51, 96, 69)` looks like.

```
.text, #text, p{  
    color:rgb(51, 96, 69)  
}
```

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(51, 96, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 96, 69) }
```

Border

The CSS property to change the border of an element to YIQ 79.4670, -18.1530, -17.9370 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(51, 96, 69) }
```


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

```
.border{ border-color:rgb(51, 96, 69) }
```

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

Here you see how a box with a 4 pixel rgb(51, 96, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 96, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 96, 69);  
box-shadow:4px 4px 4px 4px rgb(51, 96, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.4670, -18.1530, -17.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 96, 69) }
```

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

```
.background{ background-color: rgb(51, 96,  
69) }
```

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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