

Converting Colors

YIQ(79.1040, -12.6970,
-17.6970)

Have a look what the booklet for
YIQ(79.1040, -12.6970, -17.6970)
contains.

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Color

**YIQ(79.1040, -12.6970,
-17.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	385E3F
RGB	56, 94, 63
RGB Percent	22%, 37%, 25%
CMY	0.7805, 0.6313, 0.7530
CMYK	0.40, 0.00, 0.33, 0.63
HSL	131°, 25%, 29%
HSV	131°, 40%, 37%
XYZ	6.5305, 9.2070, 6.1346
YIQ	79.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

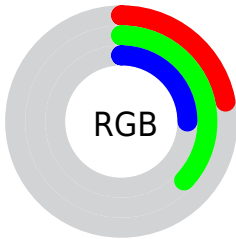
Format	Color
R_{YB}	56, 88, 94
Decimal	3694143
CIE _{Lab}	36.38, -20.99, 13.64
CIE _{LCh}	36, 25.029, 146.983
Yxy	9.2070, 0.2986, 0.4209
Android (android.graphics.Color)	4281884223 (0xFF385E3F)
YUV	79.1040, -7.9393, -20.2622
Hunter-Lab	30.3430, -14.6833, 9.2532

Details

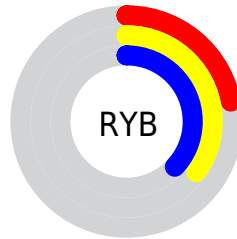
The YIQ color **79.1040, -12.6970, -17.6970** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70.8960, 12.6970, 17.6970**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1640, -12.9260, -19.0540**, and **32.2610, -14.5770, -16.6650** is the 20% darker color. If you saturate the color by 10%, you get **75.5010, -15.4930, -22.0930**, and if you desaturate by 10%, it is **82.7070, -9.9010, -13.3010**.

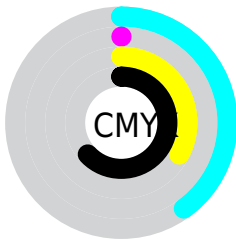
Distribution



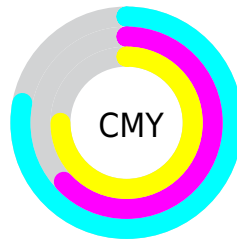
- Red (22%)
- Green (37%)
- Blue (25%)



- Red (22%)
- Yellow (35%)
- Blue (37%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (63%)



- Cyan (78%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1040, -12.6970, -17.6970 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 79.1040, -12.6970, -17.6970 by changing the saturation by 10% instead.

■ 79.1040, -12.6970,
-17.6970

■ 79.1040, -12.6970,
-17.6970

■ 255.0000, -0.0000,
-0.0000

■ 55.6310, -12.7430,
-16.8630

■ 129.1640,
-12.9260, -19.0540

■ 32.2610, -14.5770,
-16.6650

■ 154.7510,
-13.2010, -19.5770

■ 16.4360, -7.7000,
-14.6440

■ 182.3380,
-13.4760, -20.1000

■ 0.0000, 0.0000,
0.0000

■ 209.9250,
-13.7510, -20.6230

■ 237.8110,
-13.4300, -20.9340

■ 249.4890, -6.0510,

-5.9790

■ 79.1040, -12.6970,
-17.6970

■ 79.1040, -12.6970,
-17.6970

■ 75.5010, -15.4930,
-22.0930

■ 82.7070, -9.9010,
-13.3010

■ 71.7130, -19.2060,
-26.3900

■ 86.4950, -6.1880,
-9.0040

■ 68.1100, -22.0020,
-30.7860

■ 90.0980, -3.3920,
-4.6080

■ 64.2080, -25.3940,
-35.3940

■ 94.0000, 0.0000,
0.0000

■ 60.7190, -28.5110,
-39.4790

■ 97.4890, 3.1170,
4.0850

■ 57.1160, -31.3070,
-43.8750

■ 101.0920, 5.9130,
8.4810

■ 104.9940, 9.3050,
13.0890

■ 108.4830, 12.4220,
17.1740

■ 112.3850, 15.8140,
21.7820

Harmonies

Analogous

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



82.3360, 7.2010, -14.8710



79.1040, -12.6970, -17.6970



73.5880, -37.5470, -18.8830

Triad

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



79.1040, -12.6970, -17.6970



81.1550, -33.9290, 3.6630



86.5050, 32.5510, 10.3030

Complementary

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



79.1040, -12.6970, -17.6970



70.8960, 12.6970, 17.6970

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.



87.6000, 25.2140, 16.6220



79.1040, -12.6970, -17.6970



86.7560, -10.4560, 13.2880

Square

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



79.1040, -12.6970, -17.6970



68.1570, -63.7740, -11.6300



88.3410, 9.9460, 17.9940



85.8110, 31.2690, 0.4930

Rectangle

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



79.1040, -12.6970, -17.6970



67.4100, -57.5370, -20.0410



88.3410, 9.9460, 17.9940



87.0150, 31.1750, 13.2150

Sweetspot

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



79.1040, -12.6970, -17.6970



116.4460, -4.4920, -6.7000



87.5750, 8.0260, -13.3020



57.8100, -2.5210, -3.8730



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



79.1040, -12.6970, -17.6970



98.4740, -20.0310, -27.9590



81.2700, -18.7960, -11.7880



44.0490, -1.6960, -2.3040



66.8500, -36.6700, -51.3100



144.1350, -79.2990, -110.2670

Inverse Universe

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



70.8960, 12.6970, 17.6970



85.5260, 20.0310, 27.9590



68.7300, 18.7960, 11.7880



42.9510, 1.6960, 2.3040



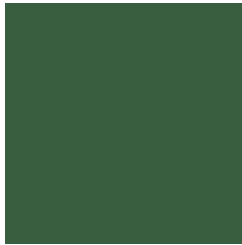
43.0360, 36.9910, 50.9990



92.8650, 79.2990, 110.2670

Previews

White Background



This preview shows how the YIQ color 79.1040, -12.6970, -17.6970 looks on a white background.

Color Contrast Check

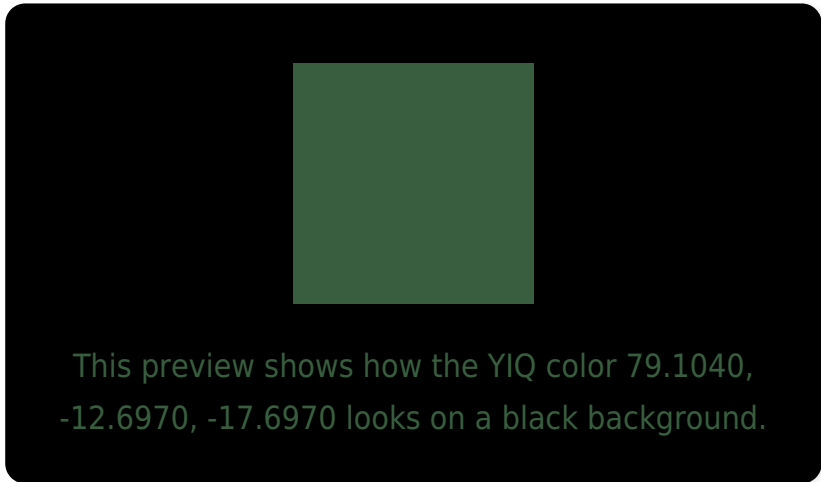
Large Text (above 18pt) WCAG AA ✓ Pass

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

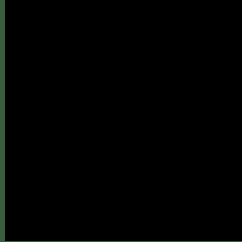
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1040, -12.6970, -17.6970

Background



This preview shows how black text looks on a background with the YIQ color 79.1040, -12.6970, -17.6970.



This preview shows how white text looks on a background with the YIQ color 79.1040, -12.6970,

-17.6970.

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

79.1040, -12.6970, -17.6970

Protanopia

84.1290, 12.5180, -6.6020

Deuteranopia

85.5580, 15.8640, -1.1600



Tritanopia

82.7250, -18.3390, -3.5470

Trichromacy



Original Color

79.1040, -12.6970, -17.6970

Protanomaly

82.1170, 3.6240, -10.6160

Deuteranomaly

83.0080, 5.5490, -6.9550

Tritanomaly

81.0470, -16.5500, -8.4380

Monochromacy



Original Color

79.1040, -12.6970, -17.6970

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8590, -4.2170, -6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1040, -12.6970, -17.6970 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(56, 94, 63)` looks like.

```
.text, #text, p{  
    color:rgb(56, 94, 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(56, 94, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 94, 63) }
```

Border

The CSS property to change the border of an element to YIQ 79.1040, -12.6970, -17.6970 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(56, 94, 63) }
```


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

```
.border{ border-color:rgb(56, 94, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 94, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 94, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 94, 63);  
box-shadow:4px 4px 4px 4px rgb(56, 94, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.1040, -12.6970, -17.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 94, 63) }
```

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

```
.background{ background-color: rgb(56, 94,  
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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