

Converting Colors

YIQ(73.4780, -7.5180, -6.9260)

Have a look what the booklet for
YIQ(73.4780, -7.5180, -6.9260)
contains.

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Color

**YIQ(73.4780, -7.5180,
-6.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5046
RGB	62, 80, 70
RGB Percent	24%, 31%, 27%
CMY	0.7569, 0.6862, 0.7255
CMYK	0.23, 0.00, 0.13, 0.69
HSL	147°, 13%, 28%
HSV	147°, 23%, 31%
XYZ	5.9603, 7.2043, 6.8698
YIQ	73.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

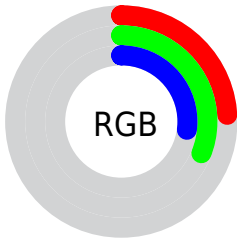
Format	Color
RYB	62, 74, 80
Decimal	4083782
CIELab	32.27, -9.40, 3.60
CIElCh	32, 10.068, 159.054
Yxy	7.2043, 0.2975, 0.3596
Android (android.graphics.Color)	4282273862 (0xFF3E5046)
YUV	73.4780, -1.7147, -10.0662
Hunter-Lab	26.8408, -7.3331, 3.6134

Details

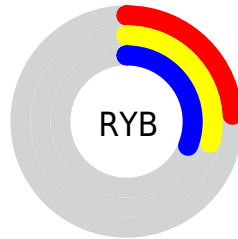
The YIQ color **73.4780, -7.5180, -6.9260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.5220, 7.5180, 6.9260**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0650, -7.7930, -7.4490**, and **29.3040, -6.9680, -5.8800** is the 20% darker color. If you saturate the color by 10%, you get **70.6300, -11.0020, -9.8660**, and if you desaturate by 10%, it is **76.3260, -4.0340, -3.9860**.

Distribution



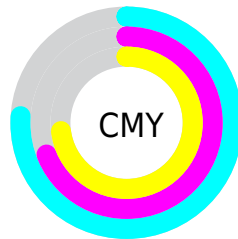
- Red (24%)
- Green (31%)
- Blue (27%)



- Red (24%)
- Yellow (29%)
- Blue (31%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (69%)



- Cyan (76%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.4780, -7.5180, -6.9260 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 73.4780, -7.5180, -6.9260 by changing the saturation by 10% instead.

73.4780, -7.5180,
-6.9260

73.4780, -7.5180,
-6.9260

255.0000, -0.0000,
-0.0000

50.8910, -7.2430,
-6.4030

122.0650, -7.7930,
-7.4490

29.3040, -6.9680,
-5.8800

147.7660, -8.3890,
-7.6610

8.8050, -4.1250,
-7.8450

174.6520, -8.0680,
-7.9720

0.0000, 0.0000,
0.0000

202.3530, -8.6640,
-8.1840

230.0540, -9.2600,
-8.3960

251.8960, -5.6390,

-2.4310

■ 73.4780, -7.5180,
-6.9260

■ 73.4780, -7.5180,
-6.9260

■ 70.6300, -11.0020,
-9.8660

■ 76.3260, -4.0340,
-3.9860

■ 67.6680, -14.1650,
-13.1170

■ 79.2880, -0.8710,
-0.7350

■ 64.8200, -17.6490,
-16.0570

■ 82.1360, 2.6130,
2.2050

■ 61.8580, -20.8120,
-19.3080

■ 85.0980, 5.7760,
5.4560

■ 59.0100, -24.2960,
-22.2480

■ 87.9460, 9.2600,
8.3960

■ 56.0480, -27.4590,
-25.4990

■ 90.9080, 12.4230,
11.6470

■ 53.2000, -30.9430,
-28.4390

■ 93.7560, 15.9070,
14.5870

■ 51.0640, -33.5560,
-30.6440

■ 96.7180, 19.0700,
17.8380

■ 99.5660, 22.5540,
20.7780

Harmonies

Analogous

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



74.1970, 0.6430, -6.1490



73.4780, -7.5180, -6.9260



73.1830, -13.9370, -6.2330

Triad

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



73.4780, -7.5180, -6.9260



75.9160, -8.3910, 3.3930



76.7090, 14.1210, 2.8970

Complementary

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



73.4780, -7.5180, -6.9260



68.5220, 7.5180, 6.9260

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.



77.0340, 11.8280, 5.9080



73.4780, -7.5180, -6.9260



76.8030, -0.6430, 6.1490

Square

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



73.4780, -7.5180, -6.9260



73.9860, -14.5800, -0.0840



77.3370, 6.6010, 7.0250



76.4050, 11.9210, -1.2870

Rectangle

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



73.4780, -7.5180, -6.9260



72.8670, -15.8630, -4.3670



77.3370, 6.6010, 7.0250



77.0510, 13.1580, 3.8300

Sweetspot

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



73.4780, -7.5180, -6.9260



102.0380, -3.1630, -3.2510



75.5560, 1.0100, -7.2940



52.1630, -2.0170, -1.9930



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



73.4780, -7.5180, -6.9260



94.5050, -12.1480, -11.1240



74.5040, -10.4070, -4.1270



39.5760, -1.7420, -1.4700



66.8790, -43.6410, -40.6090



147.9260, -96.8630, -89.3030

Inverse Universe

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



68.5220, 7.5180, 6.9260



86.4950, 12.1480, 11.1240



67.4960, 10.4070, 4.1270



38.4240, 1.7420, 1.4700



38.0070, 43.9620, 40.2980



84.0740, 96.8630, 89.3030

Previews

White Background



This preview shows how the YIQ color 73.4780, -7.5180, -6.9260 looks on a white background.

Color Contrast Check

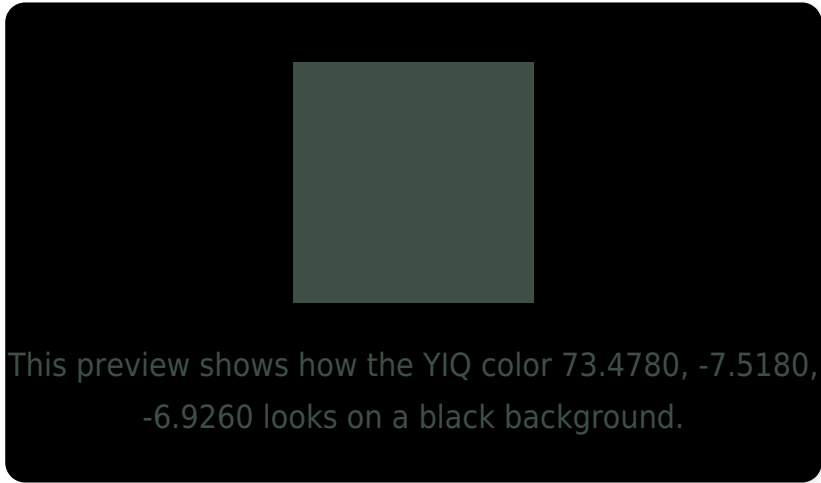
Large Text (above 18pt) WCAG AA ✓ Pass

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

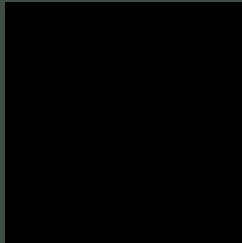
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.4780, -7.5180, -6.9260

Background



This preview shows how black text looks on a background with the YIQ color 73.4780, -7.5180, -6.9260.



This preview shows how white text looks on a background with the YIQ color 73.4780, -7.5180, -6.9260.

-6.9260.

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

73.4780, -7.5180, -6.9260

Protanopia

75.3980, 4.6310, -1.3290

Deuteranopia

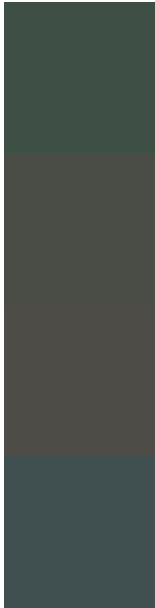
76.3600, 7.7940, 1.9220



Tritanopia

74.7970, -9.6740, -0.8900

Trichromacy



Original Color

73.4780, -7.5180, -6.9260

Protanomaly

74.8920, 0.1840, -3.3360

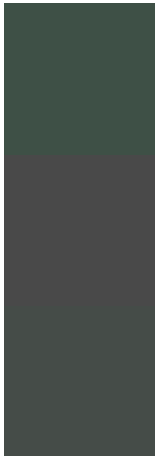
Deuteranomaly

75.7290, 2.2010, -1.3430

Tritanomaly

74.5150, -8.9400, -3.1800

Monochromacy



Original Color

73.4780, -7.5180, -6.9260

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.4510, -2.8880, -2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4780, -7.5180, -6.9260 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(62, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(62, 80, 70)  
}
```

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(62, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 80, 70) }
```

Border

The CSS property to change the border of an element to YIQ 73.4780, -7.5180, -6.9260 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(62, 80, 70) }
```


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

```
.border{ border-color:rgb(62, 80, 70) }
```

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

Here you see how a box with a 4 pixel rgb(62, 80, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(62, 80, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.4780, -7.5180, -6.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 80, 70) }
```

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

```
.background{ background-color: rgb(62, 80,  
70) }
```

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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