

Converting Colors

YIQ(77.8170, -4.3990, -13.8950)

Have a look what the booklet for
YIQ(77.8170, -4.3990, -13.8950)
contains.

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Color

**YIQ(77.8170, -4.3990,
-13.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	41583B
RGB	65, 88, 59
RGB Percent	25%, 35%, 23%
CMY	0.7452, 0.6549, 0.7686
CMYK	0.26, 0.00, 0.33, 0.65
HSL	108°, 20%, 29%
HSV	108°, 33%, 35%
XYZ	6.4587, 8.4200, 5.4227
YIQ	77.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

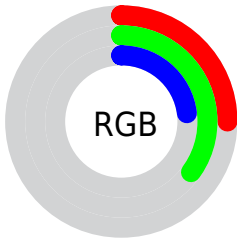
Format	Color
R_{YB}	59, 88, 82
Decimal	4282427
CIE Lab	34.84, -15.11, 14.08
CIE LCh	35, 20.654, 137.036
Yxy	8.4200, 0.3181, 0.4148
Android (android.graphics.Color)	4282472507 (0xFF41583B)
YUV	77.8170, -9.2768, -11.2405
Hunter-Lab	29.0172, -11.0493, 9.2321

Details

The YIQ color **77.8170, -4.3990, -13.8950** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.1830, 4.3990, 13.8950**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.1760, -4.0320, -15.0400**, and **32.7570, -4.1700, -12.5380** is the 20% darker color. If you saturate the color by 10%, you get **74.6980, -5.6820, -18.1780**, and if you desaturate by 10%, it is **80.9360, -3.1160, -9.6120**.

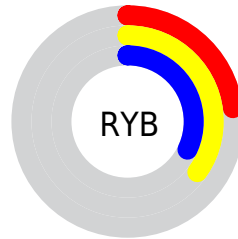
Distribution



 Red (25%)

 Green (35%)

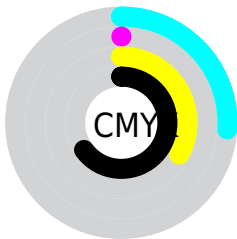
 Blue (23%)



 Red (23%)

 Yellow (35%)

 Blue (32%)

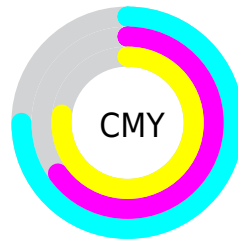


 Cyan (26%)

 Magenta (0%)

 Yellow (33%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.8170, -4.3990, -13.8950 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 77.8170, -4.3990, -13.8950 by changing the saturation by 10% instead.

■ 77.8170, -4.3990,
-13.8950

■ 77.8170, -4.3990,
-13.8950

■ 255.0000, -0.0000,
-0.0000

■ 54.9310, -4.7200,
-13.5840

■ 126.8770, -4.6280,
-15.2520

■ 32.7570, -4.1700,
-12.5380

■ 152.8770, -4.6280,
-15.2520

■ 13.5010, -6.3250,
-12.0290

■ 180.3500, -4.5820,
-16.0860

■ 0.0000, 0.0000,
0.0000

■ 207.3500, -4.5820,
-16.0860

■ 235.9370, -4.8570,
-16.6090

■ 251.9090, 1.5140,

-5.4140

■ 77.8170, -4.3990,
-13.8950

■ 77.8170, -4.3990,
-13.8950

■ 74.6980, -5.6820,
-18.1780

■ 80.9360, -3.1160,
-9.6120

■ 71.5790, -6.9650,
-22.4610

■ 84.0550, -1.8330,
-5.3290

■ 68.5740, -8.5690,
-26.4330

■ 87.0600, -0.2290,
-1.3570

■ 65.4550, -9.8520,
-30.7160

■ 90.1790, 1.0540,
2.9260

■ 62.3360, -11.1350,
-34.9990

■ 93.2980, 2.3370,
7.2090

■ 59.2170, -12.4180,
-39.2820

■ 96.4170, 3.6200,
11.4920

■ 57.0380, -13.4720,
-42.2080

■ 99.5360, 4.9030,
15.7750

■ 102.5410, 6.5070,
19.7470

■ 105.6600, 7.7900,
24.0300

Harmonies

Analogous

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



80.1240, 10.9140, -10.5740



77.8170, -4.3990, -13.8950



74.7210, -21.6840, -14.5160

Triad

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



77.8170, -4.3990, -13.8950



77.5310, -32.2320, 0.4400



83.4980, 25.2610, 10.2610

Complementary

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



77.8170, -4.3990, -13.8950



69.1830, 4.3990, 13.8950

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.



84.2400, 17.4200, 14.7000



77.8170, -4.3990, -13.8950



81.9680, -14.1690, 8.9910

Square

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



77.8170, -4.3990, -13.8950



71.3890, -43.8760, -8.8040



83.9980, 3.4820, 13.9940



82.4670, 26.5460, 3.4900

Rectangle

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



77.8170, -4.3990, -13.8950



72.3760, -33.8340, -14.5860



83.9980, 3.4820, 13.9940



83.5950, 23.6100, 12.6500

Sweetspot

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



77.8170, -4.3990, -13.8950



110.9410, -1.5120, -5.6400



81.1720, 10.9590, -5.8810



56.4080, -1.3290, -3.4490



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



77.8170, -4.3990, -13.8950



98.6930, -7.2860, -22.1500



76.9350, -10.5430, -12.6790



41.6470, -0.5040, -1.8800



69.3870, -16.3130, -51.2970



152.2970, -36.0170, -112.7290

Inverse Universe

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



69.1830, 4.3990, 13.8950



85.0080, 6.6900, 21.9380



70.0650, 10.5430, 12.6790



40.3530, 0.5040, 1.8800



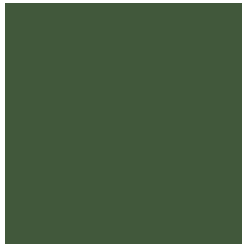
37.6130, 16.3130, 51.2970



82.4040, 35.4210, 112.5170

Previews

White Background



This preview shows how the YIQ color 77.8170, -4.3990, -13.8950 looks on a white background.

Color Contrast Check

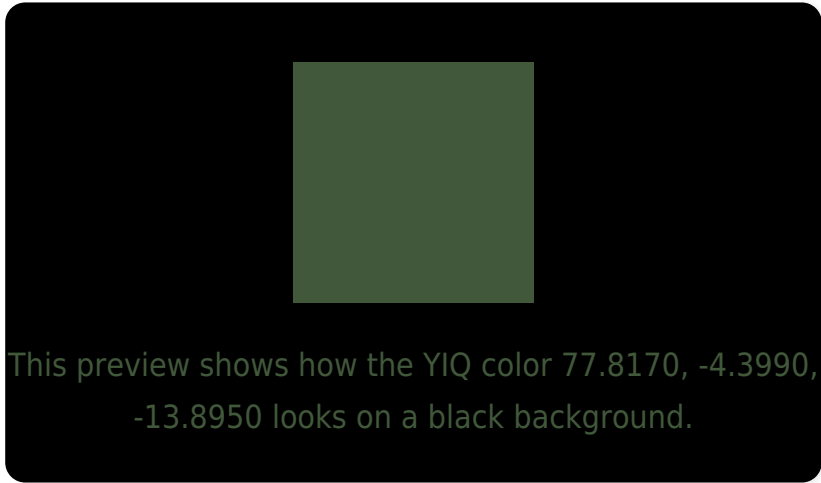
Large Text (above 18pt) WCAG AA ✓ Pass

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

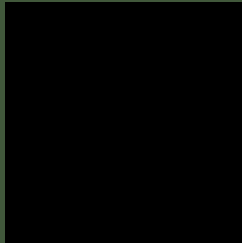
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.8170, -4.3990, -13.8950

Background



This preview shows how black text looks on a background with the YIQ color 77.8170, -4.3990, -13.8950.



This preview shows how white text looks on a background with the YIQ color 77.8170, -4.3990, -13.8950.

-13.8950.

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

77.8170, -4.3990, -13.8950

Protanopia

80.8300, 11.9220, -6.8140

Deuteranopia

81.4440, 16.1850, -1.4710



Tritanopia

80.6120, -10.5910, -0.7910

Trichromacy



Original Color

77.8170, -4.3990, -13.8950

Protanomaly

79.7260, 6.2830, -9.2450

Deuteranomaly

80.3890, 8.8500, -6.2060

Tritanomaly

79.2330, -8.2060, -5.4700

Monochromacy



Original Color

77.8170, -4.3990, -13.8950

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.8170, -4.3990, -13.8950 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(65, 88, 59)` looks like.

```
.text, #text, p{  
    color:rgb(65, 88, 59)  
}
```

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(65, 88, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 88, 59) }
```

Border

The CSS property to change the border of an element to YIQ 77.8170, -4.3990, -13.8950 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(65, 88, 59) }
```


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

```
.border{ border-color:rgb(65, 88, 59) }
```

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

Here you see how a box with a 4 pixel rgb(65, 88, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 88, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 88, 59);  
box-shadow:4px 4px 4px 4px rgb(65, 88, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.8170, -4.3990, -13.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 88, 59) }
```

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

```
.background{ background-color: rgb(65, 88,  
59) }
```

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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