

Converting Colors

YIQ(76.7950, -33.6960,
-17.0880)

Have a look what the booklet for
YIQ(76.7950, -33.6960, -17.0880)
contains.

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Color

**YIQ(76.7950, -33.6960,
-17.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	226155
RGB	34, 97, 85
RGB Percent	13%, 38%, 33%
CMY	0.8668, 0.6195, 0.6668
CMYK	0.65, 0.00, 0.12, 0.62
HSL	169°, 48%, 26%
HSV	169°, 65%, 38%
XYZ	6.5739, 9.5491, 10.0844
YIQ	76.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

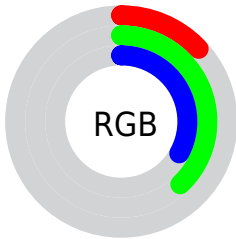
Format	Color
R_{YB}	34, 69, 97
Decimal	2253141
CIE _{Lab}	37.02, -23.30, 0.93
CIE _{LCh}	37, 23.314, 177.723
Yxy	9.5491, 0.2508, 0.3644
Android (android.graphics.Color)	4280443221 (0xFF226155)
YUV	76.7950, 4.0451, -37.5312
Hunter-Lab	30.9015, -16.1039, 2.2824

Details

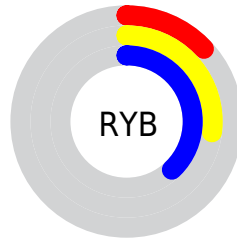
The YIQ color **76.7950, -33.6960, -17.0880** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.2050, 33.6960, 17.0880**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.2790, -32.1830, -16.9750**, and **33.9100, -26.5900, -13.7100** is the 20% darker color. If you saturate the color by 10%, you get **73.5770, -39.0140, -19.8300**, and if you desaturate by 10%, it is **80.0130, -28.3780, -14.3460**.

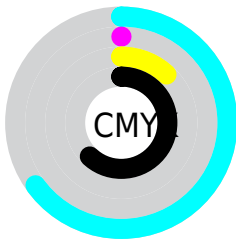
Distribution



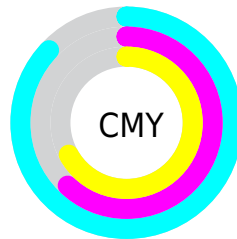
- Red (13%)
- Green (38%)
- Blue (33%)



- Red (13%)
- Yellow (27%)
- Blue (38%)



- Cyan (65%)
- Magenta (0%)
- Yellow (12%)
- Black (62%)



- Cyan (87%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.7950, -33.6960, -17.0880 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 76.7950, -33.6960, -17.0880 by changing the saturation by 10% instead.

■ 76.7950, -33.6960,
-17.0880

■ 76.7950, -33.6960,
-17.0880

■ 255.0000, -0.0000,
-0.0000

■ 49.9190, -39.9770,
-18.8970

■ 127.9800,
-32.7790, -17.1870

■ 33.9100, -26.5900,
-13.7100

■ 154.8660,
-32.4580, -17.4980

■ 19.8900, -14.6700,
-9.4700

■ 181.5670,
-33.0540, -17.7100

■ 0.0000, 0.0000,
0.0000

■ 210.0400,
-33.0080, -18.5440

■ 235.5070,
-32.8250, -16.3530

■ 245.4320,

-19.0720, -6.7840

254.1030, -1.7880,
-0.6360

■ 76.7950, -33.6960,
-17.0880

■ 76.7950, -33.6960,
-17.0880

■ 73.5770, -39.0140,
-19.8300

■ 80.0130, -28.3780,
-14.3460

■ 70.6580, -43.7360,
-22.3600

■ 82.9320, -23.6560,
-11.8160

■ 67.4400, -49.0540,
-25.1020

■ 86.1500, -18.3380,
-9.0740

■ 65.8310, -51.7130,
-26.4730

■ 89.2540, -12.6990,
-6.6430

■ 92.1730, -7.9770,
-4.1130

■ 95.3910, -2.6590,
-1.3710

■ 98.6090, 2.6590,
1.3710

■ 101.8270, 7.9770,
4.1130

■ 104.7460, 12.6990,
6.6430

Harmonies

Analogous

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



80.9300, -12.1470, -16.6510



76.7950, -33.6960, -17.0880



70.8880, -55.8870, -16.9030

Triad

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



76.7950, -33.6960, -17.0880



88.4140, -9.4930, 12.3550



87.4410, 29.4350, 0.6910

Complementary

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



76.7950, -33.6960, -17.0880



54.2050, 33.6960, 17.0880

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.



88.3090, 30.1670, 9.4550



76.7950, -33.6960, -17.0880



89.4010, 9.7170, 16.6370

Square

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



76.7950, -33.6960, -17.0880



83.4220, -30.3070, 4.1010



89.4750, 24.0680, 15.3640



85.6800, 21.0920, -7.8040

Rectangle

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



76.7950, -33.6960, -17.0880



72.3490, -55.5670, -11.6870



89.4750, 24.0680, 15.3640



87.6200, 30.4890, 3.6170

Sweetspot

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



76.7950, -33.6960, -17.0880



117.2540, -12.6990, -6.6430



74.8680, -9.5770, -30.1930



59.1730, -7.9770, -4.1130



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.



76.7950, -33.6960, -17.0880



93.5320, -52.3090, -26.6850



67.0100, -32.3230, -3.4190



46.8040, -2.3840, -0.8480



76.1180, -60.0110, -30.2750



162.9960, -128.2740, -65.1860

Inverse Universe

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



54.2050, 33.6960, 17.0880



58.4680, 52.3090, 26.6850



63.9900, 32.3230, 3.4190



45.3100, 2.0630, 1.1590



35.8820, 60.0110, 30.2750



77.0040, 128.2740, 65.1860

Previews

White Background



This preview shows how the YIQ color 76.7950, -33.6960, -17.0880 looks on a white background.

Color Contrast Check

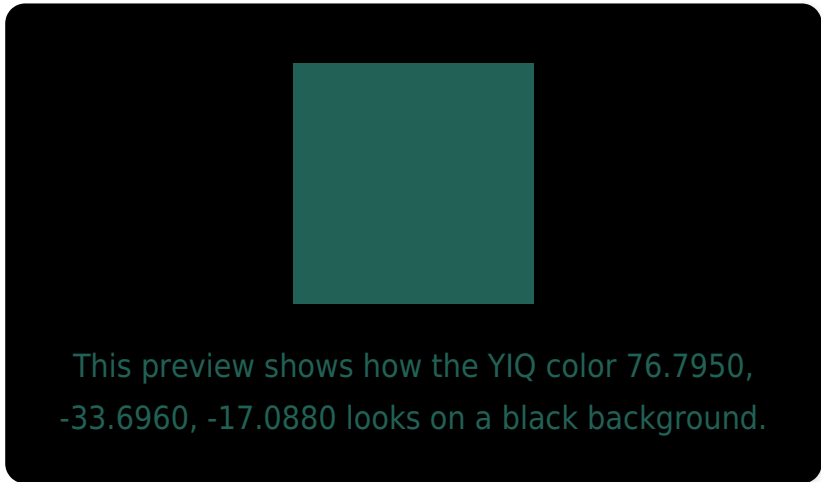
Large Text (above 18pt) WCAG AA ✓ Pass

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

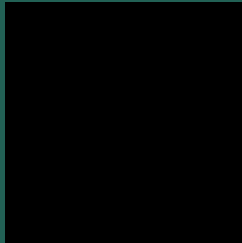
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.7950, -33.6960, -17.0880

Background



This preview shows how black text looks on a background with the YIQ color 76.7950, -33.6960, -17.0880.



This preview shows how white text looks on a background with the YIQ color 76.7950, -33.6960,

-17.0880.

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

76.7950, -33.6960, -17.0880

Protanopia

86.3980, 4.6310, -1.3290

Deuteranopia

87.7450, 5.2720, 3.5760



Tritanopia

79.6520, -34.4310, -9.2710

Trichromacy



Original Color

76.7950, -33.6960, -17.0880

Protanomaly

82.9940, -9.0310, -7.0390

Deuteranomaly

83.9880, -8.8940, -4.0140

Tritanomaly

78.6580, -34.5680, -12.2960

Monochromacy



Original Color

76.7950, -33.6960, -17.0880

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.6670, -12.4240, -6.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7950, -33.6960, -17.0880 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(34, 97, 85)` looks like.

```
.text, #text, p{  
    color:rgb(34, 97, 85)  
}
```

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(34, 97, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 97, 85) }
```

Border

The CSS property to change the border of an element to YIQ 76.7950, -33.6960, -17.0880 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(34, 97, 85) }
```


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

```
.border{ border-color:rgb(34, 97, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 97, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 97, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 97, 85);  
box-shadow:4px 4px 4px 4px rgb(34, 97, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.7950, -33.6960, -17.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 97, 85) }
```

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

```
.background{ background-color: rgb(34, 97,  
85) }
```

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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