

Converting Colors

YIQ(17.7010, -9.7640, -10.2760)

Have a look what the booklet for
YIQ(17.7010, -9.7640, -10.2760)
contains.

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Color

**YIQ(17.7010, -9.7640,
-10.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	021B0B
RGB	2, 27, 11
RGB Percent	1%, 11%, 4%
CMY	0.9922, 0.8941, 0.9569
CMYK	0.93, 0.00, 0.59, 0.89
HSL	142°, 86%, 6%
HSV	142°, 93%, 11%
XYZ	0.4774, 0.8213, 0.4498
YIQ	17.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

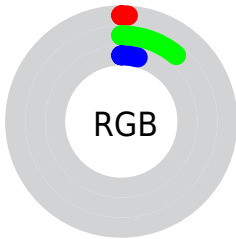
Format	Color
RYB	2, 20, 27
Decimal	137995
CIELab	7.42, -12.42, 6.36
CIELCh	7, 13.955, 152.898
Yxy	0.8213, 0.2730, 0.4697
Android (android.graphics.Color)	4278328075 (0xFF021B0B)
YUV	17.7010, -3.3036, -13.7698
Hunter-Lab	9.0625, -6.4571, 3.4012

Details

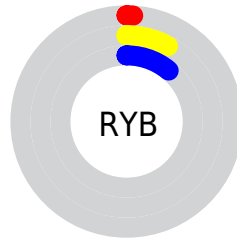
The YIQ color **17.7010, -9.7640, -10.2760** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.2990, 9.7640, 10.2760**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **61.7120, -8.2970, -9.3290**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.9890, -10.6350, -11.0110**, and if you desaturate by 10%, it is **18.8260, -8.6180, -9.0180**.

Distribution



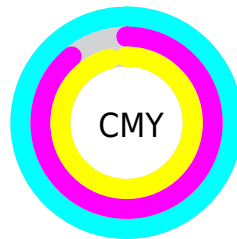
- Red (1%)
- Green (11%)
- Blue (4%)



- Red (1%)
- Yellow (8%)
- Blue (11%)



- Cyan (93%)
- Magenta (0%)
- Yellow (59%)
- Black (89%)



- Cyan (99%)
- Magenta (89%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 17.7010, -9.7640, -10.2760 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 17.7010, -9.7640, -10.2760 by changing the saturation by 10% instead.

■ 17.7010, -9.7640,
-10.2760

■ 17.7010, -9.7640,
-10.2760

■ 243.7610, -9.9930,
-11.6330

■ 0.0000, 0.0000,
0.0000

■ 61.7120, -8.2970,
-9.3290

■ 84.2990, -8.5720,
-9.8520

■ 108.8860, -8.8470,
-10.3750

■ 134.4730, -9.1220,
-10.8980

■ 160.4730, -9.1220,
-10.8980

■ 188.0600, -9.3970,

-11.4210

■ 215.7610, -9.9930,
-11.6330

■ 17.7010, -9.7640,
-10.2760

■ 17.7010, -9.7640,
-10.2760

■ 16.9890, -10.6350,
-11.0110

■ 18.8260, -8.6180,
-9.0180

■ 19.5380, -7.7470,
-8.2830

■ 20.6630, -6.6010,
-7.0250

■ 21.7880, -5.4550,
-5.7670

■ 22.6140, -4.9050,
-4.7210

■ 23.6250, -3.4380,
-3.7740

■ 24.7500, -2.2920,
-2.5160

■ 25.8750, -1.1460,
-1.2580

■ 26.7010, -0.5960,
-0.2120

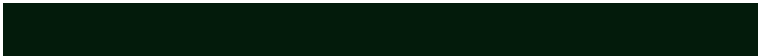
Harmonies

Analogous

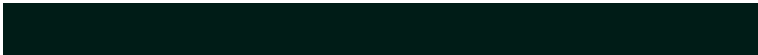
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.3560, 4.4490, -9.0470



17.7010, -9.7640, -10.2760



19.0580, -15.0830, -7.4910

Triad

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



17.7010, -9.7640, -10.2760



20.5670, -14.7180, 2.4180



22.3780, 16.5510, 2.9110

Complementary

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



17.7010, -9.7640, -10.2760



11.2990, 9.7640, 10.2760

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.



22.9740, 12.0570, 7.2650



17.7010, -9.7640, -10.2760



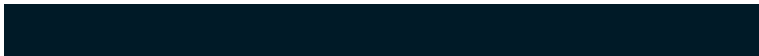
23.2480, -3.3940, 6.4460

Square

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



17.7010, -9.7640, -10.2760



19.7080, -19.6690, -1.4690



23.0920, 5.9130, 8.4810



21.9170, 16.2310, -2.3050

Rectangle

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



17.7010, -9.7640, -10.2760



19.7420, -17.0090, -5.6250



23.0920, 5.9130, 8.4810



22.3610, 15.2210, 4.9890

Sweetspot

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



17.7010, -9.7640, -10.2760



32.2120, -3.7130, -4.2970



21.4590, 2.6610, -9.6830



15.7500, -2.2920, -2.5160



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



17.7010, -9.7640, -10.2760



22.6140, -14.0730, -14.7850



19.0690, -13.6160, -6.5440



12.2880, -0.8710, -0.7350



48.3910, -30.1630, -31.5630



128.0700, -79.5330, -83.9890

Inverse Universe

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



11.2990, 9.7640, 10.2760



13.3860, 14.0730, 14.7850



9.9310, 13.6160, 6.5440



11.7120, 0.8710, 0.7350



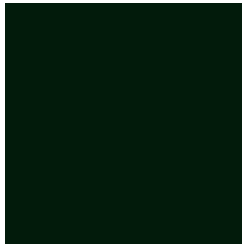
28.6090, 30.1630, 31.5630



75.9300, 79.5330, 83.9890

Previews

White Background



This preview shows how the YIQ color 17.7010, -9.7640, -10.2760 looks on a white background.

Color Contrast Check

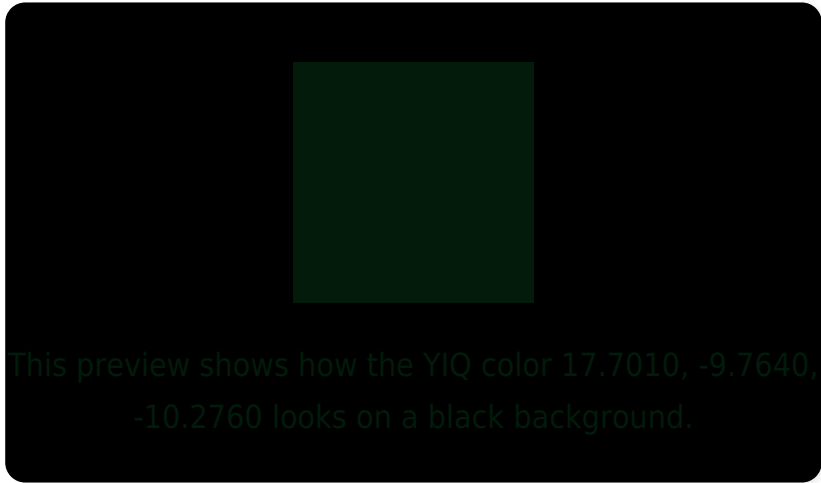
Large Text (above 18pt) WCAG AA ✓ Pass

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

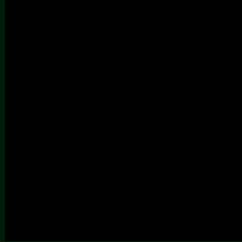
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 17.7010, -9.7640, -10.2760

Background



This preview shows how black text looks on a background with the YIQ color 17.7010, -9.7640, -10.2760.



This preview shows how white text looks on a background with the YIQ color 17.7010, -9.7640, -10.2760.

-10.2760.

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

17.7010, -9.7640, -10.2760

Protanopia

22.4150, 5.9610, -3.4070

Deuteranopia

22.6540, 6.7860, -1.8380



Tritanopia

21.0420, -8.9860, -2.3460

Trichromacy



Original Color

17.7010, -9.7640, -10.2760

Protanomaly

20.3110, 0.3220, -5.8380

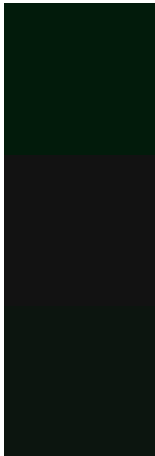
Deuteranomaly

21.1370, 0.8720, -4.7920

Tritanomaly

20.0480, -9.1230, -5.3710

Monochromacy



Original Color

17.7010, -9.7640, -10.2760

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

17.6250, -3.4380, -3.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 17.7010, -9.7640, -10.2760 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(2, 27, 11)` looks like.

```
.text, #text, p{  
    color:rgb(2, 27, 11)  
}
```

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(2, 27, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 27, 11) }
```

Border

The CSS property to change the border of an element to YIQ 17.7010, -9.7640, -10.2760 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(2, 27, 11) }
```


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

```
.border{ border-color:rgb(2, 27, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 27, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 27, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 27, 11); box-shadow:4px  
4px 4px 4px rgb(2, 27, 11) }
```

Background

The CSS property to change the background color of an element to YIQ 17.7010, -9.7640, -10.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 27, 11) }
```

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

```
.background{ background-color: rgb(2, 27,  
11) }
```

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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