

Converting Colors

YIQ(33.0810, -4.7220, -2.5300)

Have a look what the booklet for
YIQ(33.0810, -4.7220, -2.5300)
contains.

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Color

**YIQ(33.0810, -4.7220,
-2.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2422
RGB	27, 36, 34
RGB Percent	11%, 14%, 13%
CMY	0.8941, 0.8588, 0.8667
CMYK	0.25, 0.00, 0.06, 0.86
HSL	167°, 14%, 12%
HSV	167°, 25%, 14%
XYZ	1.3715, 1.6104, 1.7516
YIQ	33.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

Format	Color
R_{YB}	27, 32, 36
Decimal	1778722
CIE Lab	13.29, -4.54, 0.02
CIE LCh	13, 4.536, 179.777
Yxy	1.6104, 0.2897, 0.3402
Android (android.graphics.Color)	4279968802 (0xFF1B2422)
YUV	33.0810, 0.4531, -5.3330
Hunter-Lab	12.6901, -2.9160, 0.6994

Details

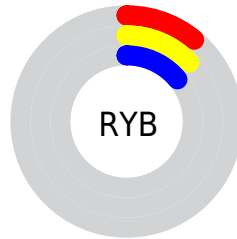
The YIQ color **33.0810, -4.7220, -2.5300** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29.9190, 4.7220, 2.5300**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.7820, -5.3180, -2.7420**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.7710, -6.7850, -3.6890**, and if you desaturate by 10%, it is **34.3910, -2.6590, -1.3710**.

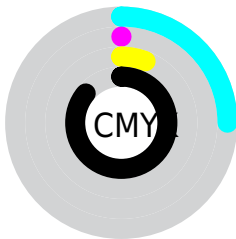
Distribution



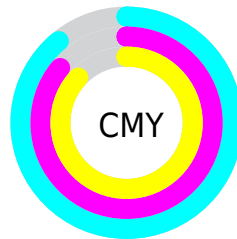
- Red (11%)
- Green (14%)
- Blue (13%)



- Red (11%)
- Yellow (13%)
- Blue (14%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (86%)



- Cyan (89%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.0810, -4.7220, -2.5300 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 33.0810, -4.7220, -2.5300 by changing the saturation by 10% instead.

■ 33.0810, -4.7220,
-2.5300

■ 33.0810, -4.7220,
-2.5300

■ 255.0000, -0.0000,
-0.0000

■ 10.1730, -7.9770,
-4.1130

■ 76.7820, -5.3180,
-2.7420

■ 0.0000, 0.0000,
0.0000

■ 101.3690, -5.5930,
-3.2650

■ 126.3690, -5.5930,
-3.2650

■ 152.0700, -6.1890,
-3.4770

■ 179.0700, -6.1890,
-3.4770

■ 206.0700, -6.1890,

-3.4770

■ 234.0700, -6.1890,
-3.4770

■ 33.0810, -4.7220,
-2.5300

■ 33.0810, -4.7220,
-2.5300

■ 31.7710, -6.7850,
-3.6890

■ 34.3910, -2.6590,
-1.3710

■ 30.7600, -8.2520,
-4.6360

■ 35.4020, -1.1920,
-0.4240

■ 29.5640, -10.6360,
-5.4840

■ 36.5980, 1.1920,
0.4240

■ 28.5530, -12.1030,
-6.4310

■ 37.6090, 2.6590,
1.3710

■ 27.2430, -14.1660,
-7.5900

■ 38.9190, 4.7220,
2.5300

■ 25.9330, -16.2290,
-8.7490

■ 40.2290, 6.7850,
3.6890

■ 24.9220, -17.6960,
-9.6960

■ 41.2400, 8.2520,
4.6360

■ 24.3240, -18.8880,
-10.1200

■ 42.4360, 10.6360,
5.4840

■ 43.4470, 12.1030,
6.4310

Harmonies

Analogous

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



33.6360, -1.9710, -2.8270



33.0810, -4.7220, -2.5300



33.1240, -6.2810, -1.8090

Triad

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



33.0810, -4.7220, -2.5300



34.3960, -1.0550, 2.6010



34.3380, 4.8600, 0.0280

Complementary

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



33.0810, -4.7220, -2.5300



29.9190, 4.7220, 2.5300

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.



34.5770, 5.6850, 1.5970



33.0810, -4.7220, -2.5300



34.3640, 1.9710, 2.8270

Square

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



33.0810, -4.7220, -2.5300



33.7870, -3.7140, 1.2300



34.6200, 4.1260, 2.3180



34.2130, 3.7140, -1.2300

Rectangle

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



33.0810, -4.7220, -2.5300



33.6510, -6.3270, -0.9750



34.6200, 4.1260, 2.3180



34.6370, 5.4560, 0.2400

Sweetspot

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



33.0810, -4.7220, -2.5300



44.6900, -2.0630, -1.1590



32.8810, -1.2830, -4.2830



22.2880, -0.8710, -0.7350



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



33.0810, -4.7220, -2.5300



41.4720, -7.3810, -3.9010



32.1350, -4.8140, -0.8620



17.2880, -0.8710, -0.7350



55.3160, -42.7730, -23.2930



141.1510, -109.4770, -58.9250

Inverse Universe

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



29.9190, 4.7220, 2.5300



36.5280, 7.3810, 3.9010



30.8650, 4.8140, 0.8620



16.5980, 1.1920, 0.4240



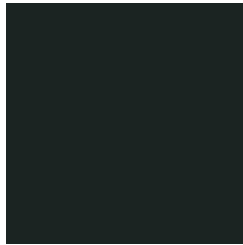
26.5700, 43.0940, 22.9820



67.8490, 109.4770, 58.9250

Previews

White Background



This preview shows how the YIQ color 33.0810, -4.7220, -2.5300 looks on a white background.

Color Contrast Check

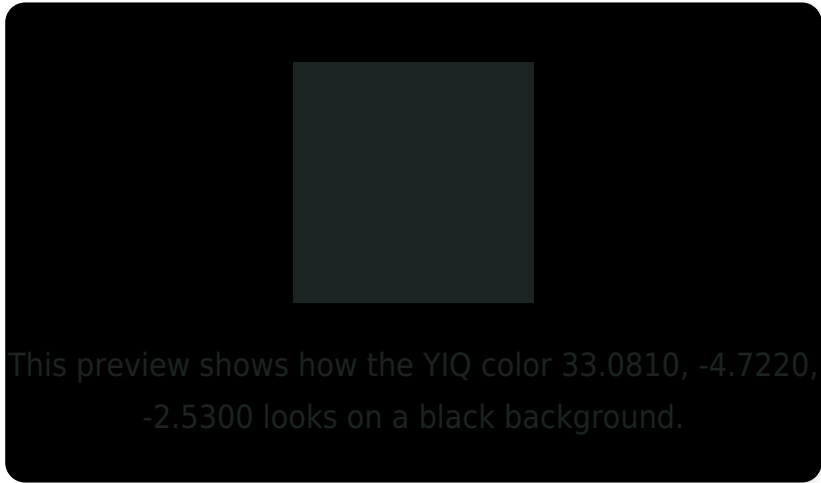
Large Text (above 18pt) WCAG AA ✓ Pass

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

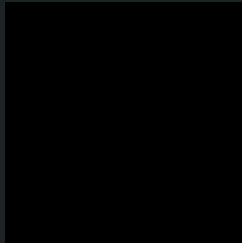
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.0810, -4.7220, -2.5300

Background



This preview shows how black text looks on a background with the YIQ color 33.0810, -4.7220, -2.5300.



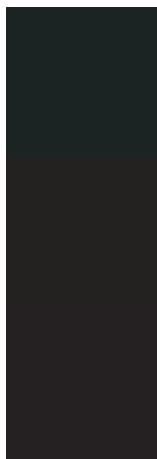
This preview shows how white text looks on a background with the YIQ color 33.0810, -4.7220, -2.5300.

-2.5300.

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

33.0810, -4.7220, -2.5300

Protanopia

34.1850, 0.9170, -0.0990

Deuteranopia

34.4240, 1.7420, 1.4700



Tritanopia

33.2490, -5.1350, -0.5510

Trichromacy



Original Color

33.0810, -4.7220, -2.5300

Protanomaly

33.8750, -1.1460, -1.2580

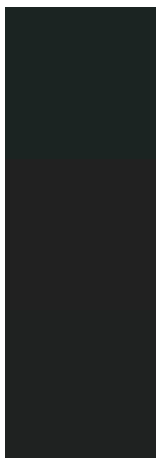
Deuteranomaly

33.8150, -0.9170, 0.0990

Tritanomaly

33.1350, -4.8140, -0.8620

Monochromacy



Original Color

33.0810, -4.7220, -2.5300

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.0810, -4.7220, -2.5300 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(27, 36, 34)` looks like.

```
.text, #text, p{  
    color:rgb(27, 36, 34)  
}
```

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(27, 36, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 36, 34) }
```

Border

The CSS property to change the border of an element to YIQ 33.0810, -4.7220, -2.5300 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(27, 36, 34) }
```


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

```
.border{ border-color:rgb(27, 36, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 36, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 36, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 36, 34);  
box-shadow:4px 4px 4px 4px rgb(27, 36, 34)  
}
```

Background

The CSS property to change the background color of an element to YIQ 33.0810, -4.7220, -2.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 36, 34) }
```

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

```
.background{ background-color: rgb(27, 36,  
34) }
```

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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