

Converting Colors

YIQ(32.6660, -10.6830, 0.8770)

Have a look what the booklet for
YIQ(32.6660, -10.6830, 0.8770)
contains.

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Color

**YIQ(32.6660, -10.6830,
0.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	17232E
RGB	23, 35, 46
RGB Percent	9%, 14%, 18%
CMY	0.9098, 0.8627, 0.8197
CMYK	0.50, 0.24, 0.00, 0.82
HSL	209°, 33%, 14%
HSV	209°, 50%, 18%
XYZ	1.4473, 1.5816, 2.8124
YIQ	32.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

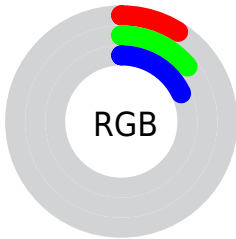
Format	Color
R_YB	23, 31, 46
Decimal	1516334
CIE Lab	13.12, -1.58, -8.92
CIE LCh	13, 9.056, 259.967
Yxy	1.5816, 0.2478, 0.2708
Android (android.graphics.Color)	4279706414 (0xFF17232E)
YUV	32.6660, 6.5737, -8.4771
Hunter-Lab	12.5762, -1.4663, -4.4557

Details

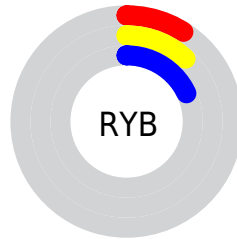
The YIQ color **32.6660, -10.6830, 0.8770** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.3340, 10.6830, -0.8770**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.8940, -11.3250, 1.4990**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.9970, -13.1130, 0.8630**, and if you desaturate by 10%, it is **35.3350, -8.2530, 0.8910**.

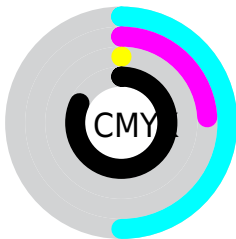
Distribution



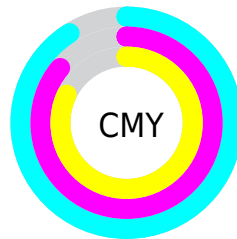
- Red (9%)
- Green (14%)
- Blue (18%)



- Red (9%)
- Yellow (12%)
- Blue (18%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (82%)



- Cyan (91%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.6660, -10.6830, 0.8770 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 32.6660, -10.6830, 0.8770 by changing the saturation by 10% instead.

■ 32.6660, -10.6830,
0.8770

■ 32.6660, -10.6830,
0.8770

■ 254.1030, -1.7880,
-0.6360

■ 10.5950, -11.9210,
1.2870

■ 76.8940, -11.3250,
1.4990

■ 0.0000, 0.0000,
0.0000

■ 100.8940,
-11.3250, 1.4990

■ 126.0080,
-11.6460, 1.8100

■ 151.7090,
-12.2420, 1.5980

■ 178.8230,
-12.5630, 1.9090

■ 206.5240,

-13.1590, 1.6970

■ 234.5240,
-13.1590, 1.6970

■ 32.6660, -10.6830,
0.8770

■ 32.6660, -10.6830,
0.8770

■ 29.9970, -13.1130,
0.8630

■ 35.3350, -8.2530,
0.8910

■ 27.6270, -14.9470,
1.0610

■ 37.7050, -6.4190,
0.6930

■ 24.3710, -17.1020,
1.5700

■ 40.9610, -4.2640,
0.1840

■ 22.0010, -18.9360,
1.7680

■ 43.3310, -2.4300,
-0.0140

■ 19.3320, -21.3660,
1.7540

■ 46.0000, 0.0000,
-0.0000

■ 48.6690, 2.4300,
0.0140

■ 51.0390, 4.2640,
-0.1840

■ 54.2950, 6.4190,
-0.6930

■ 56.6650, 8.2530,
-0.8910

Harmonies

Analogous

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



31.4050, -14.4420, -2.5860



32.6660, -10.6830, 0.8770



34.1830, -4.7690, 3.8310

Triad

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



32.6660, -10.6830, 0.8770



34.4960, 10.4070, 4.1270



32.1690, -2.1540, -5.0180

Complementary

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



32.6660, -10.6830, 0.8770



36.3340, 10.6830, -0.8770

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.



33.2190, 3.5770, -4.2550



32.6660, -10.6830, 0.8770



34.3880, 10.5910, 0.7910

Square

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



32.6660, -10.6830, 0.8770



34.5820, 7.2890, 5.5690



33.8390, 7.7030, -1.9370



31.2330, -8.2060, -5.4700

Rectangle

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



32.6660, -10.6830, 0.8770



34.1620, -0.2760, 5.0040



33.8390, 7.7030, -1.9370



32.5390, -0.3200, -5.2160

Sweetspot

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



32.6660, -10.6830, 0.8770



53.3740, -3.9890, 0.7070



37.7550, -9.8560, -8.6080



27.4450, -2.7510, 0.2970



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



32.6660, -10.6830, 0.8770



38.2570, -16.7810, 1.2590



26.2090, -7.6580, 6.6300



21.8150, -0.9170, 0.0990



36.3330, -40.3020, 3.5220



90.1400, -99.4940, 7.9780

Inverse Universe

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



31.2450, 9.8560, 8.6080



35.9300, 15.3570, 13.5410



42.7910, 7.6580, -6.6300



21.7120, 0.8710, 0.7350



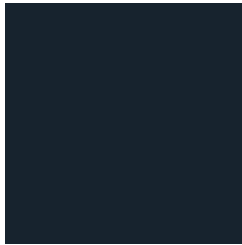
31.1430, 37.4070, 32.4390



76.7540, 91.5920, 80.2000

Previews

White Background



This preview shows how the YIQ color 32.6660, -10.6830, 0.8770 looks on a white background.

Color Contrast Check

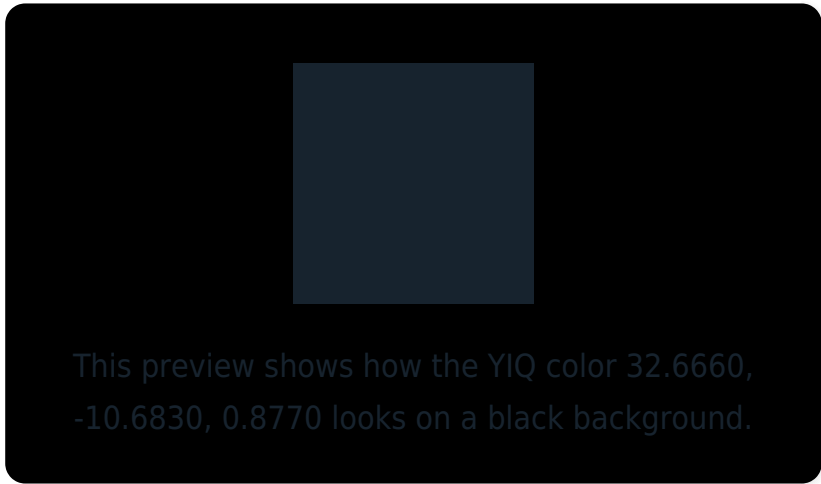
Large Text (above 18pt) WCAG AA ✓ Pass

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

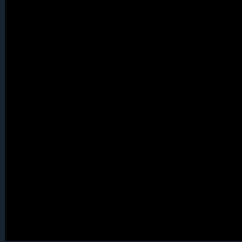
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

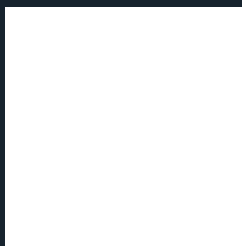
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 32.6660, -10.6830, 0.8770

Background



This preview shows how black text looks on a background with the YIQ color 32.6660, -10.6830, 0.8770.



This preview shows how white text looks on a background with the YIQ color 32.6660, -10.6830,

0.8770.

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

32.6660, -10.6830, 0.8770

Protanopia

33.7700, -5.0440, 3.3080

Deuteranopia

33.5850, -5.9610, 3.4070



Tritanopia

31.8570, -9.9030, -2.2470

Trichromacy



Original Color

32.6660, -10.6830, 0.8770

Protanomaly

33.4600, -7.1070, 2.1490

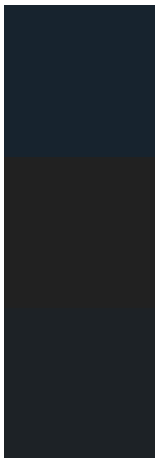
Deuteranomaly

33.2750, -8.0240, 2.2480

Tritanomaly

32.4980, -10.2700, -1.1020

Monochromacy



Original Color

32.6660, -10.6830, 0.8770

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.6660, -10.6830, 0.8770 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(23, 35, 46)` looks like.

```
.text, #text, p{  
    color:rgb(23, 35, 46)  
}
```

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(23, 35, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 35, 46) }
```

Border

The CSS property to change the border of an element to YIQ 32.6660, -10.6830, 0.8770 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(23, 35, 46) }
```


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

```
.border{ border-color:rgb(23, 35, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 35, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 35, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 35, 46);  
box-shadow:4px 4px 4px 4px rgb(23, 35, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.6660, -10.6830, 0.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 35, 46) }
```

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

```
.background{ background-color: rgb(23, 35,  
46) }
```

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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