

Converting Colors

YIQ(26.6860, -22.6030, -3.3630)

Have a look what the booklet for
YIQ(26.6860, -22.6030, -3.3630)
contains.

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Color

**YIQ(26.6860, -22.6030,
-3.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	03232E
RGB	3, 35, 46
RGB Percent	1%, 14%, 18%
CMY	0.9883, 0.8627, 0.8197
CMYK	0.94, 0.24, 0.00, 0.82
HSL	195°, 88%, 10%
HSV	195°, 94%, 18%
XYZ	1.1314, 1.4192, 2.7965
YIQ	26.6860, -22.6030, -3.3630

Conversions

Conversions Part 2

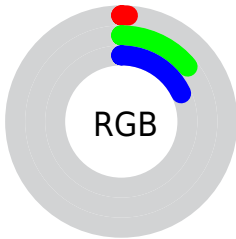
Format	Color
R_{YB}	3, 21, 46
Decimal	205614
CIE _{Lab}	12.08, -6.89, -10.59
CIE _{LCh}	12, 12.631, 236.943
Y _{xy}	1.4192, 0.2116, 0.2654
Android (android.graphics.Color)	4278395694 (0xFF03232E)
YUV	26.6860, 9.5218, -20.7726
Hunter-Lab	11.9129, -3.8947, -5.5790

Details

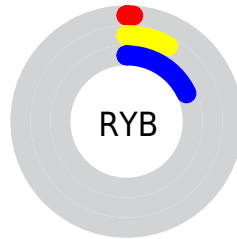
The YIQ color **26.6860, -22.6030, -3.3630** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.3140, 22.6030, 3.3630**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.1100, -20.8610, -1.8930**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.2020, -24.1160, -3.4760**, and if you desaturate by 10%, it is **28.7680, -19.8980, -2.8260**.

Distribution



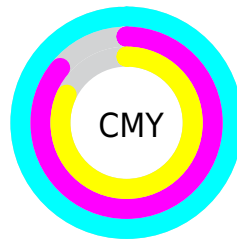
- Red (1%)
- Green (14%)
- Blue (18%)



- Red (1%)
- Yellow (8%)
- Blue (18%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (82%)



- Cyan (99%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.6860, -22.6030, -3.3630 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 26.6860, -22.6030, -3.3630 by changing the saturation by 10% instead.

■ 26.6860, -22.6030,
-3.3630

■ 26.6860, -22.6030,
-3.3630

■ 249.0200,
-11.9200, -4.2400

■ 11.1820, -12.1960,
0.7640

■ 72.1100, -20.8610,
-1.8930

■ 0.0000, 0.0000,
0.0000

■ 96.1100, -20.8610,
-1.8930

■ 121.8110,
-21.4570, -2.1050

■ 146.9250,
-21.7780, -1.7940

■ 174.0390,
-22.0990, -1.4830

■ 201.7400,

-22.6950, -1.6950

■ 229.7400,
-22.6950, -1.6950

■ 26.6860, -22.6030,
-3.3630

■ 26.6860, -22.6030,
-3.3630

■ 25.2020, -24.1160,
-3.4760

■ 28.7680, -19.8980,
-2.8260

■ 30.5510, -17.7890,
-2.5010

■ 33.2200, -15.3590,
-2.4870

■ 35.0030, -13.2500,
-2.1620

■ 37.0850, -10.5450,
-1.6250

■ 39.1670, -7.8400,
-1.0880

■ 40.9500, -5.7310,
-0.7630

■ 43.0320, -3.0260,
-0.2260

■ 45.4020, -1.1920,
-0.4240

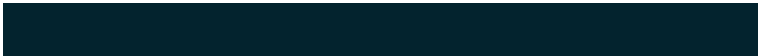
Harmonies

Analogous

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



25.5780, -22.4190, -6.6990



26.6860, -22.6030, -3.3630



30.0400, -14.6720, 1.5840

Triad

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



26.6860, -22.6030, -3.3630



32.7890, 11.1400, 7.3640



30.0510, 3.9900, -6.2340

Complementary

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



26.6860, -22.6030, -3.3630



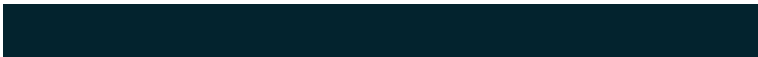
22.3140, 22.6030, 3.3630

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.



31.0410, 9.9500, -4.1140



26.6860, -22.6030, -3.3630



31.7630, 14.0290, 4.5650

Square

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



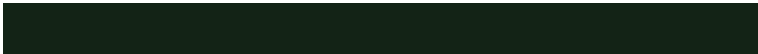
26.6860, -22.6030, -3.3630



33.0810, 4.4460, 7.5340



31.8290, 13.6630, 0.1830



28.7340, -5.3630, -7.4350

Rectangle

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



26.6860, -22.6030, -3.3630



31.7420, -7.8410, 4.4390



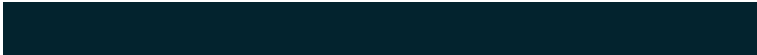
31.8290, 13.6630, 0.1830



30.8340, 6.0990, -5.9090

Sweetspot

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



26.6860, -22.6030, -3.3630



50.9820, -8.7570, -0.9890



29.4950, -15.3560, -19.0680



25.9500, -5.7310, -0.7630



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.



26.6860, -22.6030, -3.3630



32.5540, -31.0390, -4.6630



14.3590, -16.8280, 7.6200



21.8150, -0.9170, 0.0990



48.0730, -45.8020, -6.9380



118.3160, -112.6940, -17.1260

Inverse Universe

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



19.5050, 15.3560, 19.0680



22.6570, 21.0400, 26.1920



34.6410, 16.8280, -7.6200



21.7120, 0.8710, 0.7350



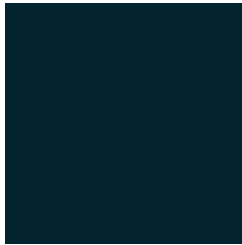
33.4230, 30.9870, 38.6590



82.2260, 76.1840, 95.1280

Previews

White Background



This preview shows how the YIQ color 26.6860, -22.6030, -3.3630 looks on a white background.

Color Contrast Check

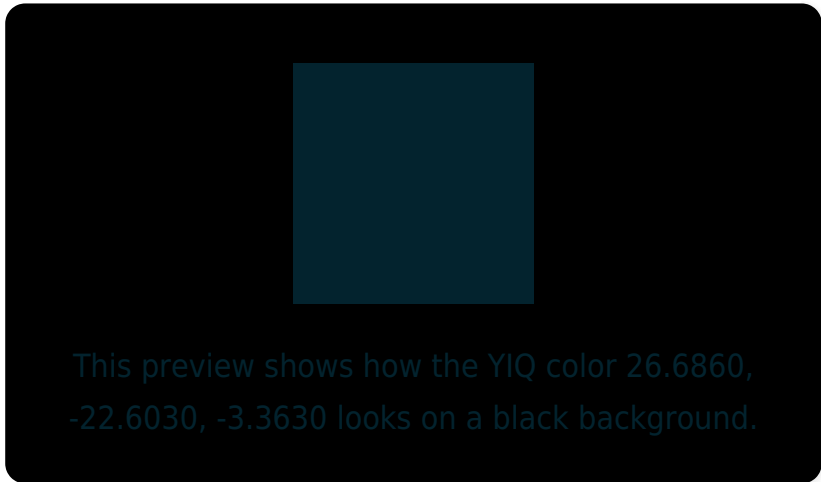
Large Text (above 18pt) WCAG AA ✓ Pass

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

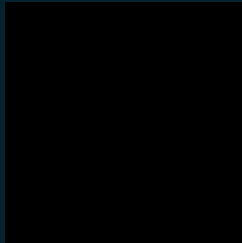
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

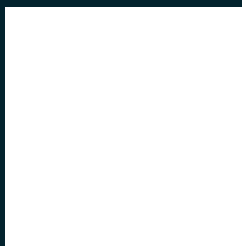
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 26.6860, -22.6030, -3.3630

Background



This preview shows how black text looks on a background with the YIQ color 26.6860, -22.6030, -3.3630.



This preview shows how white text looks on a background with the YIQ color 26.6860, -22.6030,

-3.3630.

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

26.6860, -22.6030, -3.3630

Protanopia

32.4710, -5.6400, 3.0960

Deuteranopia

32.2150, -7.7950, 3.6050



Tritanopia

25.5780, -22.4190, -6.6990

Trichromacy



Original Color

26.6860, -22.6030, -3.3630

Protanomaly

30.4810, -11.6000, 0.9760

Deuteranomaly

30.1110, -13.4340, 1.1740

Tritanomaly

26.2190, -22.7860, -5.5540

Monochromacy



Original Color

26.6860, -22.6030, -3.3630

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.8680, -8.4360, -1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.6860, -22.6030, -3.3630 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(3, 35, 46)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 35, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 35, 46) }
```

Border

The CSS property to change the border of an element to YIQ 26.6860, -22.6030, -3.3630 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(3, 35, 46) }
```


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

```
.border{ border-color:rgb(3, 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(3, 35, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 35, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 35, 46); box-shadow:4px  
4px 4px 4px rgb(3, 35, 46) }
```

Background

The CSS property to change the background color of an element to YIQ 26.6860, -22.6030, -3.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 35, 46) }
```

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

```
.background{ background-color: rgb(3, 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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