

Converting Colors

YIQ(67.2760, -26.9600, 4.0160)

Have a look what the booklet for
YIQ(67.2760, -26.9600, 4.0160)
contains.

YIQ(67.2760, -26.9600, 4.0160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(67.2760, -26.9600,
4.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4868
RGB	44, 72, 104
RGB Percent	17%, 28%, 41%
CMY	0.8275, 0.7176, 0.5923
CMYK	0.58, 0.31, 0.00, 0.59
HSL	212°, 41%, 29%
HSV	212°, 58%, 41%
XYZ	5.8533, 6.1703, 13.9702
YIQ	67.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

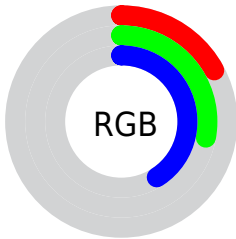
Format	Color
R_{YB}	44, 63, 104
Decimal	2902120
CIE _{Lab}	29.84, -0.13, -21.84
CIE _{LCh}	30, 21.843, 269.666
Y _{xy}	6.1703, 0.2252, 0.2374
Android (android.graphics.Color)	4281092200 (0xFF2C4868)
YUV	67.2760, 18.1049, -20.4131
Hunter-Lab	24.8400, -1.4082, -15.9572

Details

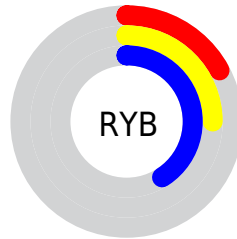
The YIQ color **67.2760, -26.9600, 4.0160** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **80.7240, 26.9600, -4.0160**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.2160, -26.7310, 5.3730**, and **23.5210, -26.2720, 2.5600** is the 20% darker color. If you saturate the color by 10%, you get **60.7640, -31.2700, 5.0340**, and if you desaturate by 10%, it is **73.7880, -22.6500, 2.9980**.

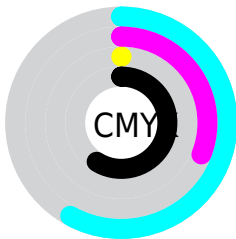
Distribution



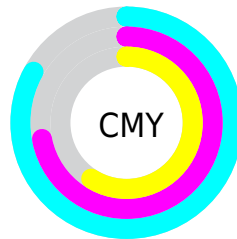
- Red (17%)
- Green (28%)
- Blue (41%)



- Red (17%)
- Yellow (25%)
- Blue (41%)



- Cyan (58%)
- Magenta (31%)
- Yellow (0%)
- Black (59%)



- Cyan (83%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.2760, -26.9600, 4.0160 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 67.2760, -26.9600, 4.0160 by changing the saturation by 10% instead.

■ 67.2760, -26.9600,
4.0160

■ 67.2760, -26.9600,
4.0160

■ 255.0000, -0.0000,
-0.0000

■ 43.5530, -29.2980,
2.3340

■ 116.2160,
-26.7310, 5.3730

■ 23.5210, -26.2720,
2.5600

■ 142.3300,
-27.0520, 5.6840

■ 5.1640, -11.7850,
9.8390

■ 168.8570,
-27.0980, 6.5180

■ 1.2540, -3.5310,
3.4210

■ 196.5580,
-27.6940, 6.3060

■ 0.0000, 0.0000,
0.0000

■ 223.3040,
-24.1630, 2.8850

■ 247.8240,

-14.3040, -5.0880

■ 67.2760, -26.9600,
4.0160

■ 67.2760, -26.9600,
4.0160

■ 60.7640, -31.2700,
5.0340

■ 73.7880, -22.6500,
2.9980

■ 54.5400, -36.4510,
5.3170

■ 80.0120, -17.4690,
2.7150

■ 48.0280, -40.7610,
6.3350

■ 86.5240, -13.1590,
1.6970

■ 41.8040, -45.9420,
6.6180

■ 92.7480, -7.9780,
1.4140

■ 40.6190, -46.8590,
6.7170

■ 99.2600, -3.6680,
0.3960

■ 105.1850, 0.9170,
-0.0990

■ 111.9960, 5.8230,
-0.9050

■ 117.9210, 10.4080,
-1.4000

■ 124.7320, 15.3140,
-2.2060

Harmonies

Analogous

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



57.3930, -49.6990, -7.8990



67.2760, -26.9600, 4.0160



71.6700, -7.3380, 11.8460

Triad

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



67.2760, -26.9600, 4.0160



70.7000, 27.5080, 8.0840



64.6850, -12.8350, -15.1950

Complementary

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



67.2760, -26.9600, 4.0160



80.7240, 26.9600, -4.0160

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.



67.1340, 4.9540, -12.6940



67.2760, -26.9600, 4.0160



70.0600, 26.1340, -0.0580

Square

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



67.2760, -26.9600, 4.0160



72.0510, 22.3260, 13.8940



68.8260, 17.7450, -7.7190



59.4360, -34.0630, -15.9430

Rectangle

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



67.2760, -26.9600, 4.0160



72.5960, 4.6740, 14.4180



68.8260, 17.7450, -7.7190



65.9200, -6.1870, -14.5310

Sweetspot

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



67.2760, -26.9600, 4.0160



121.0790, -10.4080, 1.4000



82.7540, -26.4510, -21.7390



60.7050, -6.4190, 0.6930



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



67.2760, -26.9600, 4.0160



77.8430, -41.6780, 6.4340



51.1390, -18.6640, 18.8720



47.7440, -2.1550, 0.5090



44.8080, -51.7650, 7.5230



93.9190, -108.7570, 16.1630

Inverse Universe

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



65.1320, 26.7720, 21.4280



74.7090, 41.6250, 33.0890



96.8610, 18.6640, -18.8720



47.7230, 2.3380, 1.6820



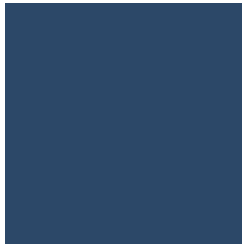
40.5410, 51.2060, 41.1740



85.2400, 107.9590, 86.4470

Previews

White Background



This preview shows how the YIQ color 67.2760, -26.9600, 4.0160 looks on a white background.

Color Contrast Check

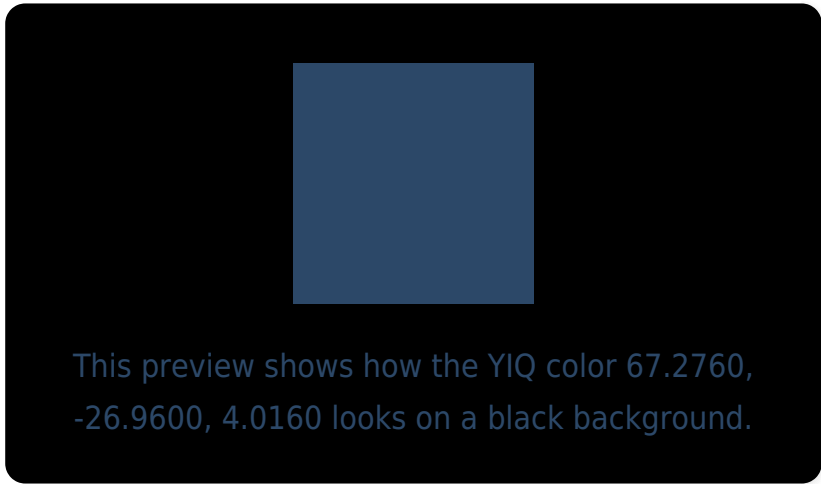
Large Text (above 18pt) WCAG AA ✓ Pass

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

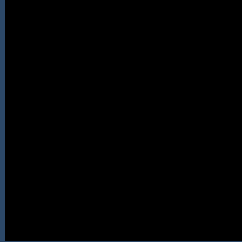
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

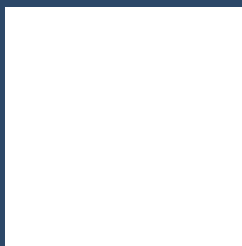
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 67.2760, -26.9600, 4.0160

Background



This preview shows how black text looks on a background with the YIQ color 67.2760, -26.9600, 4.0160.

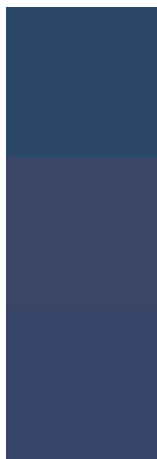


This preview shows how white text looks on a background with the YIQ color 67.2760, -26.9600,

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

67.2760, -26.9600, 4.0160

Protanopia

70.0710, -15.9570, 8.3550

Deuteranopia

69.3910, -19.8540, 7.3940



Tritanopia

64.4250, -26.3620, -6.8260

Trichromacy



Original Color

67.2760, -26.9600, 4.0160

Protanomaly

68.9780, -20.1290, 6.8710

Deuteranomaly

68.7820, -22.5130, 6.0230

Tritanomaly

65.6470, -26.8670, -3.1790

Monochromacy



Original Color

67.2760, -26.9600, 4.0160

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.2760, -26.9600, 4.0160 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(44, 72, 104)` looks like.

```
.text, #text, p{  
    color:rgb(44, 72, 104)  
}
```

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(44, 72, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 72, 104) }
```

Border

The CSS property to change the border of an element to YIQ 67.2760, -26.9600, 4.0160 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(44, 72, 104) }
```


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

```
.border{ border-color:rgb(44, 72, 104) }
```

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

Here you see how a box with a 4 pixel rgb(44, 72, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 72, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 72, 104);  
box-shadow:4px 4px 4px 4px rgb(44, 72,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 67.2760, -26.9600, 4.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 72, 104) }
```

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

```
.background{ background-color: rgb(44, 72,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor