

Converting Colors

YIQ(34.6760, 1.6930, 18.8850)

Have a look what the booklet for
YIQ(34.6760, 1.6930, 18.8850)
contains.

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Color

**YIQ(34.6760, 1.6930,
18.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	301641
RGB	48, 22, 65
RGB Percent	19%, 9%, 25%
CMY	0.8117, 0.9138, 0.7451
CMYK	0.26, 0.66, 0.00, 0.75
HSL	276°, 49%, 17%
HSV	276°, 66%, 25%
XYZ	2.4606, 1.5839, 5.1760
YIQ	34.6760, 1.6930, 18.8850

Conversions

Conversions Part 2

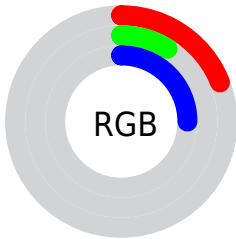
Format	Color
RYB	48, 22, 65
Decimal	3151425
CIELab	13.13, 22.34, -22.22
CIELCh	13, 31.514, 315.156
Yxy	1.5839, 0.2669, 0.1718
Android (android.graphics.Color)	4281341505 (0xFF301641)
YUV	34.6760, 14.9497, 11.6851
Hunter-Lab	12.5853, 12.8752, -15.5747

Details

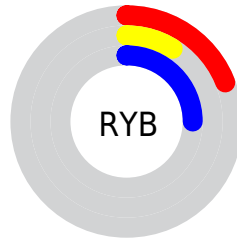
The YIQ color **34.6760, 1.6930, 18.8850** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.3240, -1.6930, -18.8850**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.3280, 2.7930, 20.9770**, and **2.9810, -7.0160, 6.0080** is the 20% darker color. If you saturate the color by 10%, you get **29.6700, 1.8300, 21.9100**, and if you desaturate by 10%, it is **39.0950, 1.8310, 16.3830**.

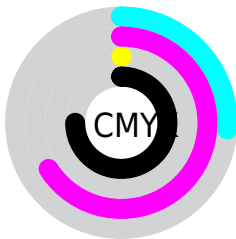
Distribution



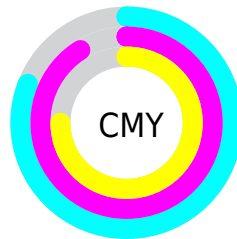
- Red (19%)
- Green (9%)
- Blue (25%)



- Red (19%)
- Yellow (9%)
- Blue (25%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)
- Black (75%)



- Cyan (81%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.6760, 1.6930, 18.8850 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 34.6760, 1.6930, 18.8850 by changing the saturation by 10% instead.

■ 34.6760, 1.6930,
18.8850

■ 34.6760, 1.6930,
18.8850

■ 252.6520, 1.1000,
2.0920

■ 13.2740, 2.8850,
19.3090

■ 80.3280, 2.7930,
20.9770

■ 2.9810, -7.0160,
6.0080

■ 104.8550, 2.7470,
21.8110

■ 0.0000, 0.0000,
0.0000

■ 130.2680, 3.0220,
22.3340

■ 156.6810, 3.2970,
22.8570

■ 183.5070, 3.8470,
23.9030

■ 211.0340, 3.8010,

24.7370

■ 235.6290, 9.0750,
17.2590

■ 34.6760, 1.6930,
18.8850

■ 34.6760, 1.6930,
18.8850

■ 29.6700, 1.8300,
21.9100

■ 39.0950, 1.8310,
16.3830

■ 25.5500, 2.2880,
24.6240

■ 43.8020, 1.0980,
13.1460

■ 20.5440, 2.4250,
27.6490

■ 48.2210, 1.2360,
10.6440

■ 19.0710, 2.3790,
28.4830

■ 52.9280, 0.5030,
7.4070

■ 57.3470, 0.6410,
4.9050

■ 62.0540, -0.0920,
1.6680

■ 66.4730, 0.0460,
-0.8340

■ 71.4790, -0.0910,
-3.8590

■ 75.5990, -0.5490,
-6.5730

Harmonies

Analogous

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



28.0350, -33.4710, 6.3770



34.6760, 1.6930, 18.8850



30.5600, 22.6910, 23.8030

Triad

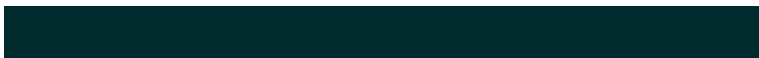
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.6760, 1.6930, 18.8850



32.5710, 23.0170, -4.1430



30.3710, -26.2700, -8.4940

Complementary

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



34.6760, 1.6930, 18.8850



52.3240, -1.6930, -18.8850

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.



27.7490, -18.8870, -15.6470



34.6760, 1.6930, 18.8850



30.9990, 9.7680, -11.8320

Square

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



34.6760, 1.6930, 18.8850



30.3000, 34.3860, 4.5780



26.1710, -5.6360, -19.0120



32.6510, -32.6900, -2.2740

Rectangle

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



34.6760, 1.6930, 18.8850



28.2850, 30.7150, 21.5550



26.1710, -5.6360, -19.0120



29.4590, -23.7020, -10.9820

Sweetspot

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



34.6760, 1.6930, 18.8850



72.2270, 1.0990, 7.6190



36.8810, -18.4780, 4.4820



35.9340, 0.3660, 4.3820



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



34.6760, 1.6930, 18.8850



37.4840, 2.6540, 29.0060



39.3030, 13.1090, 21.2450



30.9400, 0.2290, 1.3570



28.6990, 4.0270, 42.6750



66.2000, 9.1520, 98.4960

Inverse Universe

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



36.7950, 20.1710, 14.4030



40.6980, 30.9900, 22.0780



47.6970, -13.1090, -21.2450



31.0110, 1.4670, 0.9470



33.3350, 45.6140, 32.3820



77.1220, 104.9350, 75.1670

Previews

White Background



This preview shows how the YIQ color 34.6760, 1.6930, 18.8850 looks on a white background.

Color Contrast Check

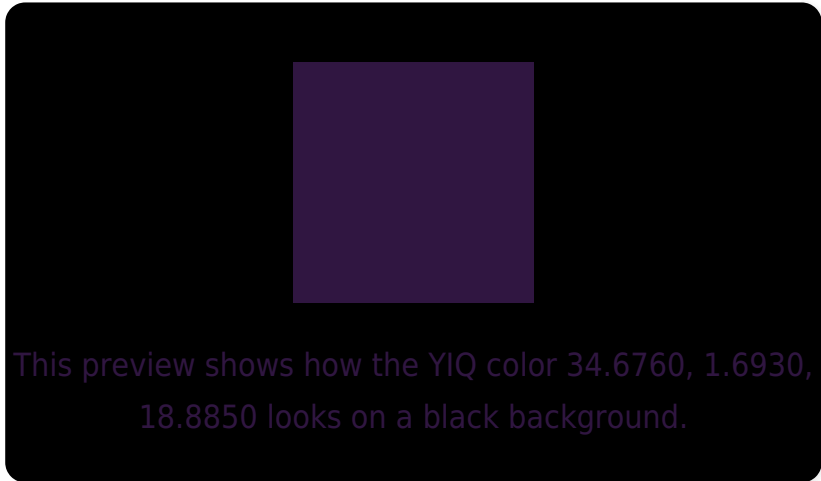
Large Text (above 18pt) WCAG AA ✓ Pass

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

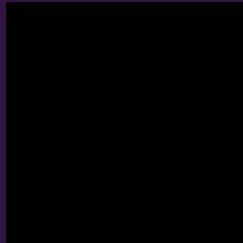
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.6760, 1.6930, 18.8850

Background



This preview shows how black text looks on a background with the YIQ color 34.6760, 1.6930, 18.8850.



This preview shows how white text looks on a background with the YIQ color 34.6760, 1.6930,

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

34.6760, 1.6930, 18.8850

Protanopia

27.4650, -31.8660, 4.8220

Deuteranopia

29.1080, -26.5470, 2.0370



Tritanopia

35.5170, 5.9140, 2.9540

Trichromacy



Original Color

34.6760, 1.6930, 18.8850

Protanomaly

29.9720, -19.9920, 9.8960

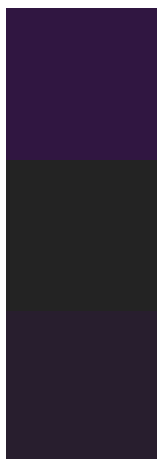
Deuteranomaly

31.0710, -15.9570, 8.3550

Tritanomaly

35.0210, 4.6750, 8.8910

Monochromacy



Original Color

34.6760, 1.6930, 18.8850

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8140, 0.8240, 7.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.6760, 1.6930, 18.8850 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(48, 22, 65)` looks like.

```
.text, #text, p{  
    color:rgb(48, 22, 65)  
}
```

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(48, 22, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 22, 65) }
```

Border

The CSS property to change the border of an element to YIQ 34.6760, 1.6930, 18.8850 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(48, 22, 65) }
```


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

```
.border{ border-color:rgb(48, 22, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 22, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 22, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 22, 65);  
box-shadow:4px 4px 4px 4px rgb(48, 22, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.6760, 1.6930, 18.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 22, 65) }
```

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

```
.background{ background-color: rgb(48, 22,  
65) }
```

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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