

Converting Colors

YIQ(30.7420, -34.2040, 3.1400)

Have a look what the booklet for
YIQ(30.7420, -34.2040, 3.1400)
contains.

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Color

**YIQ(30.7420, -34.2040,
3.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	00264A
RGB	0, 38, 74
RGB Percent	0%, 15%, 29%
CMY	1.0000, 0.8509, 0.7100
CMYK	1.00, 0.49, 0.00, 0.71
HSL	209°, 100%, 15%
HSV	209°, 100%, 29%
XYZ	1.9283, 1.8811, 6.7327
YIQ	30.7420, -34.2040, 3.1400

Conversions

Conversions Part 2

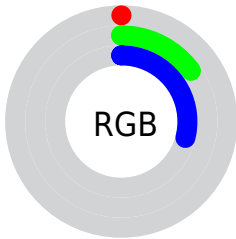
Format	Color
RYB	0, 25, 74
Decimal	9802
CIELab	14.85, 3.39, -25.90
CIELCh	15, 26.118, 277.461
Yxy	1.8811, 0.1829, 0.1784
Android (android.graphics.Color)	4278199882 (0xFF00264A)
YUV	30.7420, 21.3262, -26.9607
Hunter-Lab	13.7153, 1.0936, -19.5039

Details

The YIQ color **30.7420, -34.2040, 3.1400** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **43.2580, 34.2040, -3.1400**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.4980, -27.4650, 7.6630**, and **4.5940, -10.1800, 8.2840** is the 20% darker color. If you saturate the color by 10%, you get **30.7420, -34.2040, 3.1400**, and if you desaturate by 10%, it is **35.1830, -31.1320, 2.5320**.

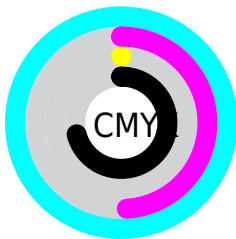
Distribution



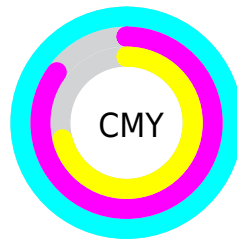
- Red (0%)
- Green (15%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.7420, -34.2040, 3.1400 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 30.7420, -34.2040, 3.1400 by changing the saturation by 10% instead.

■ 30.7420, -34.2040,
3.1400

■ 30.7420, -34.2040,
3.1400

■ 252.9070, -4.1720,
-1.4840

■ 15.7930, -21.0460,
6.9700

■ 79.4980, -27.4650,
7.6630

■ 4.5940, -10.1800,
8.2840

■ 104.3240,
-26.9150, 8.7090

■ 0.0000, 0.0000,
0.0000

■ 129.8510,
-26.9610, 9.5430

■ 156.5520,
-27.5570, 9.3310

■ 183.1930,
-27.9240, 10.4760

■ 210.6230,

-26.3190, 8.9210

■ 235.4310,
-17.3310, 0.2130

■ 30.7420, -34.2040,
3.1400

■ 35.1830, -31.1320,
2.5320

■ 39.3360, -27.1890,
2.6590

■ 43.7770, -24.1170,
2.0510

■ 47.9300, -20.1740,
2.1780

■ 52.3710, -17.1020,
1.5700

■ 56.8120, -14.0300,
0.9620

■ 60.9650, -10.0870,
1.0890

■ 65.4060, -7.0150,
0.4810

■ 69.5590, -3.0720,
0.6080

Harmonies

Analogous

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



33.3350, -34.6160, -0.4080



30.7420, -34.2040, 3.1400



38.4040, -3.5330, 14.4750

Triad

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



30.7420, -34.2040, 3.1400



35.5430, 29.3880, 7.0520



28.9230, -19.4370, -16.6930

Complementary

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



30.7420, -34.2040, 3.1400



43.2580, 34.2040, -3.1400

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.



31.9440, 2.4330, -16.5670



30.7420, -34.2040, 3.1400



35.5390, 26.0430, -3.9170

Square

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



30.7420, -34.2040, 3.1400



35.9590, 25.5810, 15.4770



35.4620, 15.7740, -10.5460



31.7900, -26.1320, -10.9960

Rectangle

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



30.7420, -34.2040, 3.1400



38.5150, 9.3960, 16.9480



35.4620, 15.7740, -10.5460



28.2500, -16.0440, -17.6120

Sweetspot

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



30.7420, -34.2040, 3.1400



80.1110, -13.4340, 1.1740



47.5420, -31.9060, -27.5060



38.2210, -7.9320, 0.5800



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



30.7420, -34.2040, 3.1400



40.4080, -44.8870, 4.0170



9.0230, -24.0290, 22.4910



35.6300, -1.8340, 0.1980



42.1520, -47.0420, 4.5260



95.4860, -106.2800, 9.8160

Inverse Universe

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



26.4580, 31.9060, 27.5060



34.7030, 41.7620, 36.1140



64.9770, 24.0290, -22.4910



35.4240, 1.7420, 1.4700



36.4260, 44.1000, 37.7960



82.2220, 99.2020, 85.4580

Previews

White Background



This preview shows how the YIQ color 30.7420, -34.2040, 3.1400 looks on a white background.

Color Contrast Check

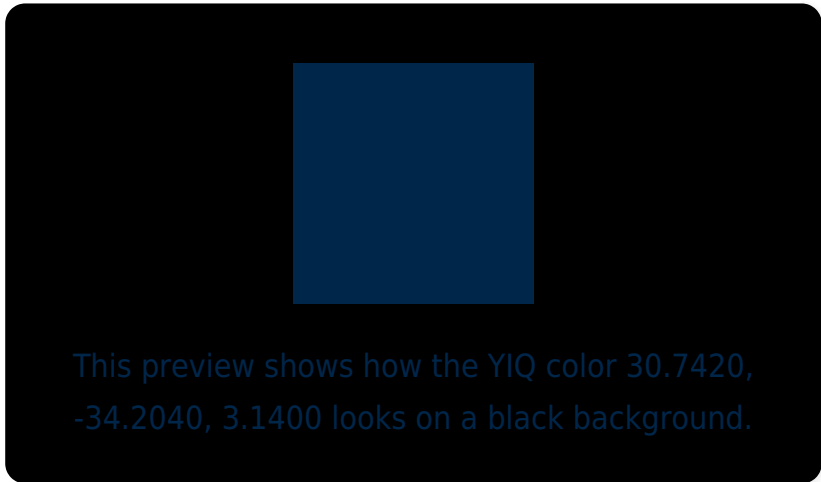
Large Text (above 18pt) WCAG AA ✓ Pass

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

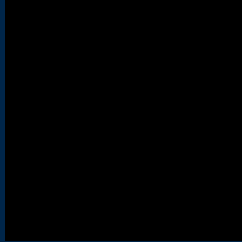
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.7420, -34.2040, 3.1400

Background



This preview shows how black text looks on a background with the YIQ color 30.7420, -34.2040, 3.1400.



This preview shows how white text looks on a background with the YIQ color 30.7420, -34.2040,

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

30.7420, -34.2040, 3.1400

Protanopia

35.4230, -22.8800, 7.1680

Tritanopia

30.3710, -26.2700, -8.4940

Trichromacy



Original Color

30.7420, -34.2040, 3.1400

Protanomaly

33.3300, -27.0520, 5.6840

Tritanomaly

30.4510, -29.2510, -4.0270

Monochromacy



Original Color

30.7420, -34.2040, 3.1400

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.2960, -12.5170, 1.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.7420, -34.2040, 3.1400 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(0, 38, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 74)  
}
```

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(0, 38, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 74) }
```

Border

The CSS property to change the border of an element to YIQ 30.7420, -34.2040, 3.1400 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(0, 38, 74) }
```

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

```
.border{ border-color:rgb(0, 38, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 74); box-shadow:4px  
4px 4px 4px rgb(0, 38, 74) }
```


Background

The CSS property to change the background color of an element to YIQ 30.7420, -34.2040, 3.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 74) }
```

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

```
.background{ background-color: rgb(0, 38,  
74) }
```

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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