

Converting Colors

YIQ(34.0740, -2.8440, 7.4920)

Have a look what the booklet for
YIQ(34.0740, -2.8440, 7.4920)
contains.

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Color

**YIQ(34.0740, -2.8440,
7.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	241E32
RGB	36, 30, 50
RGB Percent	14%, 12%, 20%
CMY	0.8588, 0.8824, 0.8039
CMYK	0.28, 0.40, 0.00, 0.80
HSL	258°, 25%, 16%
HSV	258°, 40%, 20%
XYZ	1.7676, 1.5338, 3.2197
YIQ	34.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

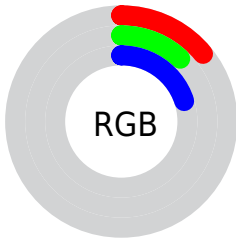
Format	Color
R_{YB}	36, 30, 50
Decimal	2367026
CIE Lab	12.82, 8.24, -12.15
CIE LCh	13, 14.683, 304.131
Yxy	1.5338, 0.2711, 0.2352
Android (android.graphics.Color)	4280557106 (0xFF241E32)
YUV	34.0740, 7.8515, 1.6891
Hunter-Lab	12.3848, 3.8023, -6.7445

Details

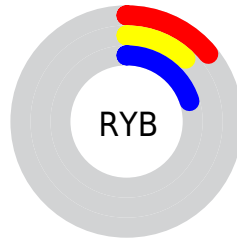
The YIQ color **34.0740, -2.8440, 7.4920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.9260, 2.8440, -7.4920**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6010, -2.8900, 8.3260**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.2420, -3.2570, 9.4710**, and if you desaturate by 10%, it is **38.2050, -1.8350, 5.7250**.

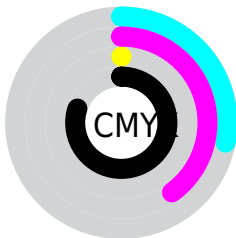
Distribution



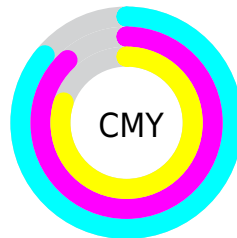
- Red (14%)
- Green (12%)
- Blue (20%)



- Red (14%)
- Yellow (12%)
- Blue (20%)



- Cyan (28%)
- Magenta (40%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.0740, -2.8440, 7.4920 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 34.0740, -2.8440, 7.4920 by changing the saturation by 10% instead.

■ 34.0740, -2.8440,
7.4920

■ 34.0740, -2.8440,
7.4920

■ 255.0000, -0.0000,
-0.0000

■ 11.0250, -1.1480,
9.7960

■ 78.6010, -2.8900,
8.3260

■ 0.0000, 0.0000,
0.0000

■ 102.1280, -2.9360,
9.1600

■ 127.5410, -2.6610,
9.6830

■ 153.6550, -2.9820,
9.9940

■ 180.6550, -2.9820,
9.9940

■ 207.7690, -3.3030,

10.3050

■ 235.8400, -2.0650,
9.8950

■ 34.0740, -2.8440,
7.4920

■ 34.0740, -2.8440,
7.4920

■ 30.2420, -3.2570,
9.4710

■ 38.2050, -1.8350,
5.7250

■ 26.1110, -4.2660,
11.2380

■ 42.0370, -1.4220,
3.7460

■ 22.2790, -4.6790,
13.2170

■ 45.8690, -1.0090,
1.7670

■ 18.1480, -5.6880,
14.9840

■ 50.0000, -0.0000,
-0.0000

■ 14.3160, -6.1010,
16.9630

■ 53.8320, 0.4130,
-1.9790

■ 10.1850, -7.1100,
18.7300

■ 57.9630, 1.4220,
-3.7460

■ 61.7950, 1.8350,
-5.7250

■ 65.9260, 2.8440,
-7.4920

■ 69.7580, 3.2570,
-9.4710

Harmonies

Analogous

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



31.9800, -14.4430, 2.9410



34.0740, -2.8440, 7.4920



34.1030, 7.3800, 9.4280

Triad

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



34.0740, -2.8440, 7.4920



32.6720, 15.5430, -0.8490



26.1820, -21.3640, -9.3000

Complementary

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



34.0740, -2.8440, 7.4920



45.9260, 2.8440, -7.4920

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.



29.5270, -9.2140, -9.2300



34.0740, -2.8440, 7.4920



32.1720, 10.9590, -5.8810

Square

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



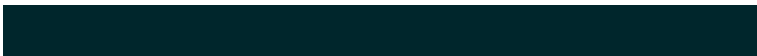
34.0740, -2.8440, 7.4920



33.3180, 16.7800, 4.2680



31.2140, 1.9730, -8.2270



27.3220, -24.5740, -6.1900

Rectangle

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



34.0740, -2.8440, 7.4920



34.0280, 11.9650, 8.9330



31.2140, 1.9730, -8.2270



27.0360, -18.0170, -9.3850

Sweetspot

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



34.0740, -2.8440, 7.4920



57.5100, -1.3760, 2.9120



40.4980, -10.2700, -1.1020



29.7550, -0.6880, 1.4560



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



34.0740, -2.8440, 7.4920



39.2250, -4.5870, 11.5490



37.0640, 3.1160, 9.6120



23.6410, -0.3670, 1.1450



18.2190, -12.4770, 33.4030



44.1730, -30.9170, 81.2670

Inverse Universe

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



37.5760, 7.4260, 8.5940



44.7770, 11.4140, 13.4140



42.9360, -3.1160, -9.6120



24.1250, 1.1460, 1.2580



33.6790, 33.1420, 38.1500



82.2110, 80.5400, 93.2760

Previews

White Background



This preview shows how the YIQ color 34.0740, -2.8440, 7.4920 looks on a white background.

Color Contrast Check

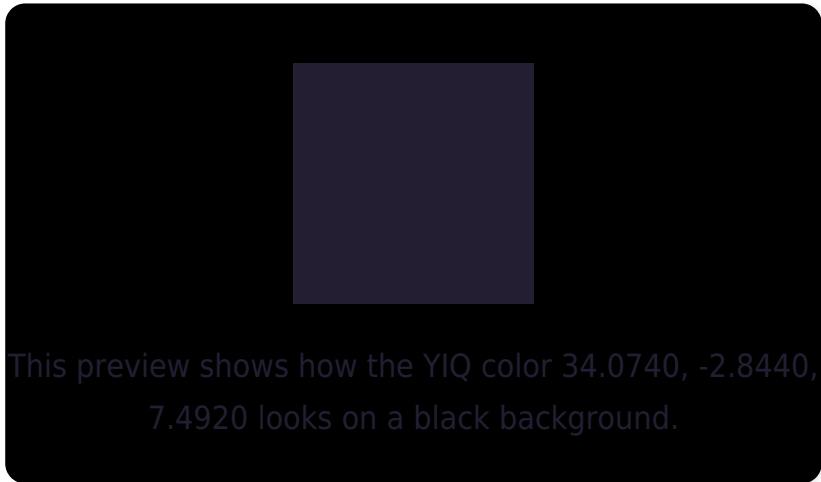
Large Text (above 18pt) WCAG AA ✓ Pass

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

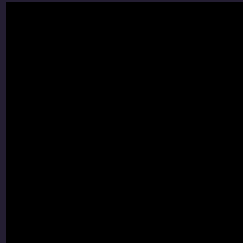
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.0740, -2.8440, 7.4920

Background



This preview shows how black text looks on a background with the YIQ color 34.0740, -2.8440, 7.4920.



This preview shows how white text looks on a background with the YIQ color 34.0740, -2.8440,

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

34.0740, -2.8440, 7.4920

Protanopia

33.0730, -10.2710, 4.4250

Deuteranopia

32.7310, -9.3080, 3.4920



Tritanopia

33.3420, -0.9630, 0.9330

Trichromacy



Original Color

34.0740, -2.8440, 7.4920

Protanomaly

33.5680, -7.2910, 5.4850

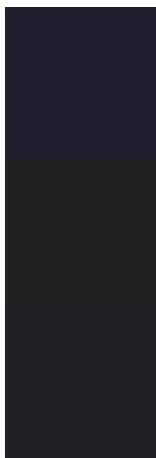
Deuteranomaly

33.3400, -6.6490, 4.8630

Tritanomaly

33.6240, -1.6970, 3.2230

Monochromacy



Original Color

34.0740, -2.8440, 7.4920

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.3960, -1.0550, 2.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.0740, -2.8440, 7.4920 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(36, 30, 50)` looks like.

```
.text, #text, p{  
    color:rgb(36, 30, 50)  
}
```

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(36, 30, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 30, 50) }
```

Border

The CSS property to change the border of an element to YIQ 34.0740, -2.8440, 7.4920 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(36, 30, 50) }
```


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

```
.border{ border-color:rgb(36, 30, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 30, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 30, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 30, 50);  
box-shadow:4px 4px 4px 4px rgb(36, 30, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.0740, -2.8440, 7.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 30, 50) }
```

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

```
.background{ background-color: rgb(36, 30,  
50) }
```

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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