

Converting Colors

YIQ(74.3790, -12.6940,
-34.2780)

Have a look what the booklet for
YIQ(74.3790, -12.6940, -34.2780)
contains.

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Color

**YIQ(74.3790, -12.6940,
-34.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	29641E
RGB	41, 100, 30
RGB Percent	16%, 39%, 12%
CMY	0.8394, 0.6077, 0.8823
CMYK	0.59, 0.00, 0.70, 0.61
HSL	111°, 54%, 25%
HSV	111°, 70%, 39%
XYZ	5.7065, 9.6833, 2.7967
YIQ	74.3790, -12.6940, -34.2780

Conversions

Conversions Part 2

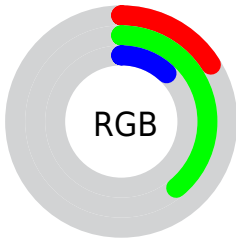
Format	Color
R_{YB}	30, 100, 89
Decimal	2712606
CIE _{Lab}	37.27, -33.82, 32.83
CIE _{LCh}	37, 47.133, 135.848
Yxy	9.6833, 0.3138, 0.5324
Android (android.graphics.Color)	4280902686 (0xFF29641E)
YUV	74.3790, -21.8788, -29.2734
Hunter-Lab	31.1179, -21.7227, 16.4540

Details

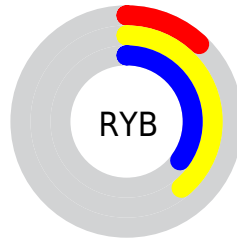
The YIQ color **74.3790, -12.6940, -34.2780** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55.6210, 12.6940, 34.2780**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.9230, -11.4100, -35.5220**, and **30.5240, -14.3000, -27.1960** is the 20% darker color. If you saturate the color by 10%, you get **70.8470, -14.2520, -39.0840**, and if you desaturate by 10%, it is **77.9110, -11.1360, -29.4720**.

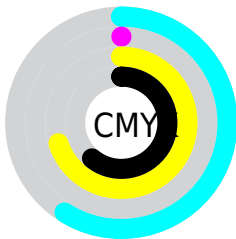
Distribution



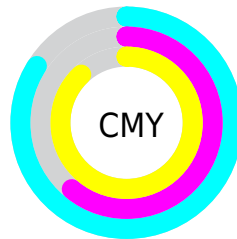
- Red (16%)
- Green (39%)
- Blue (12%)



- Red (12%)
- Yellow (39%)
- Blue (35%)



- Cyan (59%)
- Magenta (0%)
- Yellow (70%)
- Black (61%)



- Cyan (84%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.3790, -12.6940, -34.2780 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 74.3790, -12.6940, -34.2780 by changing the saturation by 10% instead.

■ 74.3790, -12.6940,
-34.2780

■ 74.3790, -12.6940,
-34.2780

■ 255.0000, -0.0000,
-0.0000

■ 48.1720, -16.5450,
-36.0730

■ 125.9230,
-11.4100, -35.5220

■ 30.5240, -14.3000,
-27.1960

■ 152.3960,
-11.3640, -36.3560

■ 19.3710, -9.0750,
-17.2590

■ 179.1680,
-10.7220, -36.9780

■ 0.0000, 0.0000,
0.0000

■ 207.6410,
-10.6760, -37.8120

■ 230.8310, -8.1550,
-33.9390

■ 242.6940, 0.1410,

-19.0830

253.0620, 5.4570,
-5.2870

74.3790, -12.6940,
-34.2780

74.3790, -12.6940,
-34.2780

70.8470, -14.2520,
-39.0840

77.9110, -11.1360,
-29.4720

67.0160, -16.4060,
-44.1020

81.7420, -8.9820,
-24.4540

63.4840, -17.9640,
-48.9080

85.2740, -7.4240,
-19.6480

89.1050, -5.2700,
-14.6300

92.6370, -3.7120,
-9.8240

■ 96.4680, -1.5580,
-4.8060

■ 100.0000, -0.0000,
-0.0000

■ 103.5320, 1.5580,
4.8060

■ 107.3630, 3.7120,
9.8240

Harmonies

Analogous

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



80.0170, 26.5520, -29.6720



74.3790, -12.6940, -34.2780



68.8000, -50.4280, -33.2440

Triad

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



74.3790, -12.6940, -34.2780



75.4070, -78.6770, -0.3490



82.9740, 56.7560, 28.6920

Complementary

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



74.3790, -12.6940, -34.2780



55.6210, 12.6940, 34.2780

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.



86.6750, 38.9650, 37.2450



74.3790, -12.6940, -34.2780



82.0030, -47.6400, 15.3680

Square

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



74.3790, -12.6940, -34.2780



76.6490, -73.9070, -9.7070



90.3750, 4.5790, 32.6670



84.2120, 58.1810, 8.3650

Rectangle

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



74.3790, -12.6940, -34.2780



72.3510, -59.0490, -25.6810



90.3750, 4.5790, 32.6670



83.8690, 52.8580, 33.2580

Sweetspot

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



74.3790, -12.6940, -34.2780



120.0450, -5.0410, -13.2730



84.9760, 25.7700, -15.4940



59.9900, -3.2080, -7.9440



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



74.3790, -12.6940, -34.2780



90.0660, -19.8430, -53.4030



73.7120, -26.6330, -29.4570



49.2340, -0.7790, -2.4030



72.8870, -20.8970, -56.3290



153.4160, -43.9020, -118.5100

Inverse Universe

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



55.6210, 12.6940, 34.2780



60.9340, 19.8430, 53.4030



56.2880, 26.6330, 29.4570



47.7660, 0.7790, 2.4030



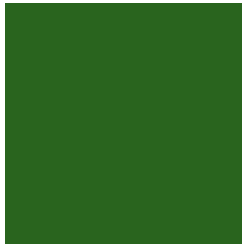
42.1130, 20.8970, 56.3290



88.5840, 43.9020, 118.5100

Previews

White Background



This preview shows how the YIQ color 74.3790, -12.6940, -34.2780 looks on a white background.

Color Contrast Check

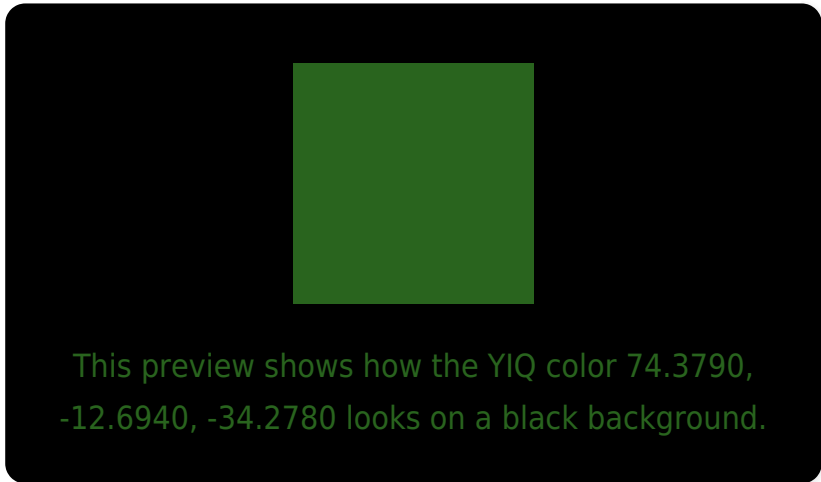
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3790, -12.6940, -34.2780

Background



This preview shows how black text looks on a background with the YIQ color 74.3790, -12.6940, -34.2780.



This preview shows how white text looks on a background with the YIQ color 74.3790, -12.6940,

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

74.3790, -12.6940, -34.2780

Protanopia

84.0360, 25.5410, -16.8510

Deuteranopia

85.4160, 30.5830, -9.1050



Tritanopia

82.8490, -24.6200, -5.3560

Trichromacy



Original Color

74.3790, -12.6940, -34.2780

Protanomaly

80.2190, 11.6040, -23.0840

Deuteranomaly

81.2350, 14.6750, -18.1650

Tritanomaly

80.1510, -20.0790, -16.0710

Monochromacy



Original Color

74.3790, -12.6940, -34.2780

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8710, -4.4910, -12.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3790, -12.6940, -34.2780 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(41, 100, 30)` looks like.

```
.text, #text, p{  
    color:rgb(41, 100, 30)  
}
```

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(41, 100, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 100, 30) }
```

Border

The CSS property to change the border of an element to YIQ 74.3790, -12.6940, -34.2780 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(41, 100, 30) }
```


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

```
.border{ border-color:rgb(41, 100, 30) }
```

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

Here you see how a box with a 4 pixel rgb(41, 100, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 100, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 100, 30);  
box-shadow:4px 4px 4px 4px rgb(41, 100,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3790, -12.6940, -34.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 100, 30) }
```

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

```
.background{ background-color: rgb(41, 100,  
30) }
```

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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