

Converting Colors

YIQ(34.3730, -19.4430, 16.4690)

Have a look what the booklet for
YIQ(34.3730, -19.4430, 16.4690)
contains.

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Color

**YIQ(34.3730, -19.4430,
16.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	1A1D54
RGB	26, 29, 84
RGB Percent	10%, 11%, 33%
CMY	0.8980, 0.8863, 0.6707
CMYK	0.69, 0.65, 0.00, 0.67
HSL	237°, 53%, 22%
HSV	237°, 69%, 33%
XYZ	2.4646, 1.7381, 8.5868
YIQ	34.3730, -19.4430, 16.4690

Conversions

Conversions Part 2

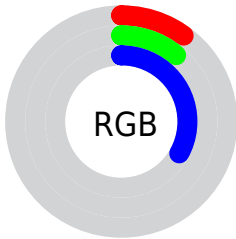
Format	Color
RYB	26, 29, 84
Decimal	1711444
CIELab	14.05, 18.47, -33.96
CIElCh	14, 38.660, 298.547
Yxy	1.7381, 0.1927, 0.1359
Android (android.graphics.Color)	4279901524 (0xFF1A1D54)
YUV	34.3730, 24.4661, -7.3431
Hunter-Lab	13.1838, 10.2978, -29.3880

Details

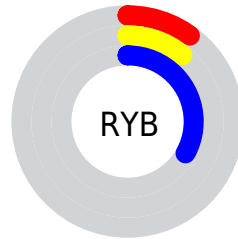
The YIQ color **34.3730, -19.4430, 16.4690** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75.6270, 19.4430, -16.4690**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1500, -17.1970, 19.8190**, and **6.0930, -13.0230, 10.2490** is the 20% darker color. If you saturate the color by 10%, you get **27.2850, -22.0110, 18.9570**, and if you desaturate by 10%, it is **41.4610, -16.8750, 13.9810**.

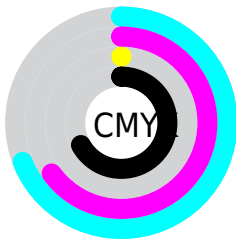
Distribution



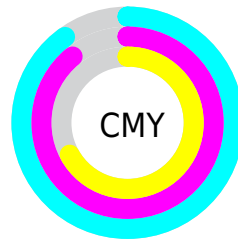
- Red (10%)
- Green (11%)
- Blue (33%)



- Red (10%)
- Yellow (11%)
- Blue (33%)



- Cyan (69%)
- Magenta (65%)
- Yellow (0%)
- Black (67%)



- Cyan (90%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.3730, -19.4430, 16.4690 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 34.3730, -19.4430, 16.4690 by changing the saturation by 10% instead.

■ 34.3730, -19.4430,
16.4690

■ 34.3730, -19.4430,
16.4690

■ 255.0000, -0.0000,
-0.0000

■ 10.3620, -20.9100,
15.5220

■ 81.1500, -17.1970,
19.8190

■ 6.0930, -13.0230,
10.2490

■ 105.5030,
-16.6930, 21.6990

■ 2.2970, -5.0900,
4.1420

■ 131.0300,
-16.7390, 22.5330

■ 0.0000, 0.0000,
0.0000

■ 157.5570,
-16.7850, 23.3670

■ 184.3830,
-16.2350, 24.4130

■ 210.4450,

-10.7780, 19.1260

■ 235.5520, -1.1940,
10.6300

■ 34.3730, -19.4430,
16.4690

■ 34.3730, -19.4430,
16.4690

■ 27.2850, -22.0110,
18.9570

■ 41.4610, -16.8750,
13.9810

■ 19.8980, -25.1750,
21.2330

■ 48.8480, -13.7110,
11.7050

■ 12.8100, -27.7430,
23.7210

■ 55.9360, -11.1430,
9.2170

■ 11.9240, -28.0640,
24.0320

■ 63.3230, -7.9790,
6.9410

■ 70.4110, -5.4110,
4.4530

■ 77.4990, -2.8430,
1.9650

■ 84.8860, 0.3210,
-0.3110

■ 91.9740, 2.8890,
-2.7990

■ 99.3610, 6.0530,
-5.0750

Harmonies

Analogous

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



33.8540, -40.2110, 7.3810



34.3730, -19.4430, 16.4690



32.9000, 16.0420, 28.6660

Triad

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



34.3730, -19.4430, 16.4690



32.9470, 33.8820, 2.6980



31.4650, -23.8390, -14.0070

Complementary

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



34.3730, -19.4430, 16.4690



75.6270, 19.4430, -16.4690

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.



26.4150, -12.3750, -23.5350



34.3730, -19.4430, 16.4690



34.0110, 18.6620, -7.8180

Square

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



34.3730, -19.4430, 16.4690



25.7070, 43.9660, 18.1900



30.0470, 0.6450, -17.2030



34.5430, -32.5060, -5.6100

Rectangle

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



34.3730, -19.4430, 16.4690



28.3810, 30.8050, 30.9410



30.0470, 0.6450, -17.2030



29.7380, -20.3540, -16.5940

Sweetspot

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



34.3730, -19.4430, 16.4690



90.2090, -7.6580, 6.6300



66.2020, -33.2840, -13.5400



44.1830, -4.7690, 3.8310



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



34.3730, -19.4430, 16.4690



31.7220, -30.3110, 26.2090



40.0870, -3.7180, 23.3380



37.4560, -1.2840, 1.2440



14.9050, -35.0800, 30.0400



33.4920, -77.7720, 65.8760

Inverse Universe

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



43.6840, 33.6050, 13.2290



46.6650, 52.9520, 20.5360



69.9130, 3.7180, -23.3380



38.1960, 2.3840, 0.8480



31.9650, 60.9750, 23.8150



70.7360, 134.4200, 52.9160

Previews

White Background



This preview shows how the YIQ color 34.3730, -19.4430, 16.4690 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



This preview shows how the YIQ color 34.3730, -19.4430, 16.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

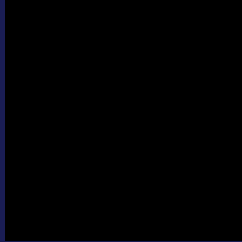
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.3730, -19.4430, 16.4690

Background



This preview shows how black text looks on a background with the YIQ color 34.3730, -19.4430, 16.4690.



This preview shows how white text looks on a background with the YIQ color 34.3730, -19.4430,

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

34.3730, -19.4430, 16.4690

Protanopia

28.9810, -33.3790, 4.7090

Tritanopia

28.3820, -24.8030, -7.5470

Trichromacy



Original Color

34.3730, -19.4430, 16.4690

Protanomaly

30.9540, -28.7490, 8.9070

Tritanomaly

30.4350, -23.1540, 1.1180

Monochromacy



Original Color

34.3730, -19.4430, 16.4690

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

33.9810, -7.0160, 6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3730, -19.4430, 16.4690 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(26, 29, 84)` looks like.

```
.text, #text, p{  
    color:rgb(26, 29, 84)  
}
```

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(26, 29, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 29, 84) }
```

Border

The CSS property to change the border of an element to YIQ 34.3730, -19.4430, 16.4690 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(26, 29, 84) }
```

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

```
.border{ border-color:rgb(26, 29, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 29, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 29, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 29, 84);  
box-shadow:4px 4px 4px 4px rgb(26, 29, 84)  
}
```


Background

The CSS property to change the background color of an element to YIQ 34.3730, -19.4430, 16.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 29, 84) }
```

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

```
.background{ background-color: rgb(26, 29,  
84) }
```

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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