

Converting Colors

YIQ(37.4130, 26.6380, 1.8220)

Have a look what the booklet for
YIQ(37.4130, 26.6380, 1.8220)
contains.

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Color

**YIQ(37.4130, 26.6380,
1.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	401D0B
RGB	64, 29, 11
RGB Percent	25%, 11%, 4%
CMY	0.7489, 0.8863, 0.9567
CMYK	0.00, 0.55, 0.83, 0.75
HSL	20°, 71%, 15%
HSV	20°, 83%, 25%
XYZ	2.6151, 1.9928, 0.5644
YIQ	37.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

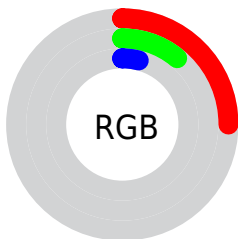
Format	Color
RYB	64, 38, 11
Decimal	4201739
CIELab	15.45, 15.39, 18.57
CIElCh	15, 24.113, 50.347
Yxy	1.9928, 0.5056, 0.3853
Android (android.graphics.Color)	4282391819 (0xFF401D0B)
YUV	37.4130, -13.0216, 23.3168
Hunter-Lab	14.1168, 8.3626, 7.5115

Details

The YIQ color **37.4130, 26.6380, 1.8220** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.5870, -26.6380, -1.8220**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.3920, 31.1310, 2.9950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.3810, 29.6640, 2.0480**, and if you desaturate by 10%, it is **40.4450, 23.6120, 1.5960**.

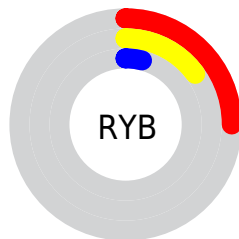
Distribution



Red (25%)

Green (11%)

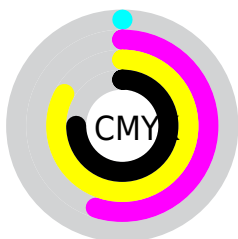
Blue (4%)



Red (25%)

Yellow (15%)

Blue (4%)

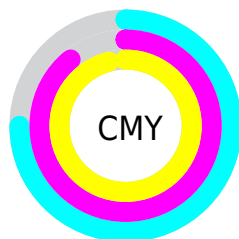


Cyan (0%)

Magenta (55%)

Yellow (83%)

Black (75%)



Cyan (75%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.4130, 26.6380, 1.8220 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 37.4130, 26.6380, 1.8220 by changing the saturation by 10% instead.

■ 37.4130, 26.6380,
1.8220

■ 37.4130, 26.6380,
1.8220

■ 252.7200, 6.4200,
-6.2200

■ 16.0690, 21.9150,
4.8190

■ 83.3920, 31.1310,
2.9950

■ 0.0000, 0.0000,
0.0000

■ 108.1750, 33.2400,
3.3200

■ 133.6590, 34.7530,
3.4330


■ 160.2570, 35.9450,
3.8570


■ 187.7410, 37.4580,
3.9700


■ 215.2250, 38.9710,


4.0830


 235.4400, 22.0080,
-2.3760


 37.4130, 26.6380,
1.8220


 37.4130, 26.6380,
1.8220


 34.3810, 29.6640,
2.0480


 40.4450, 23.6120,
1.5960

 32.0500, 32.0940,
2.0620

 43.5910, 20.2650,
1.6810

 47.2100, 16.9640,
0.9320

 50.3560, 13.6170,
1.0170

 53.3880, 10.5910,
0.7910

■ 56.4200, 7.5650,
0.5650

■ 60.1530, 3.9430,
0.1270

■ 63.1850, 0.9170,
-0.0990

■ 66.3310, -2.4300,
-0.0140

Harmonies

Analogous

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



37.3240, 25.8110, 11.3070



37.4130, 26.6380, 1.8220



36.9790, 21.6880, -7.5920

Triad

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



37.4130, 26.6380, 1.8220



30.6500, -22.9220, -14.1060



37.8970, -15.4070, 9.4010

Complementary

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



37.4130, 26.6380, 1.8220



37.5870, -26.6380, -1.8220

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.



32.8620, -34.6620, 0.4260



37.4130, 26.6380, 1.8220



33.2890, -28.9750, -9.0310

Square

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



37.4130, 26.6380, 1.8220



32.6100, -8.2500, -15.6900



33.8250, -33.2400, -3.3200



40.1230, 4.6280, 15.2520

Rectangle

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



37.4130, 26.6380, 1.8220



36.3370, 14.6280, -11.8040



33.8250, -33.2400, -3.3200



35.5860, -24.8970, 5.1750

Sweetspot

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



37.4130, 26.6380, 1.8220



73.3880, 10.5910, 0.7910



30.8370, 20.3530, 22.1210



36.8220, 6.3730, 0.1410



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.



37.4130, 26.6380, 1.8220



42.2530, 41.7680, 2.9520



52.6750, 19.4880, -11.7760



31.4840, 1.5130, 0.1130



48.3740, 48.7370, 3.3050



111.5880, 112.6040, 7.7400

Inverse Universe

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



37.5870, -26.6380, -1.8220



42.7470, -41.7680, -2.9520



22.3250, -19.4880, 11.7760



31.5160, -1.5130, -0.1130



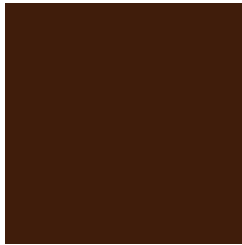
48.6260, -48.7370, -3.3050



112.4120, -112.6040, -7.7400

Previews

White Background



This preview shows how the YIQ color 37.4130, 26.6380, 1.8220 looks on a white background.

Color Contrast Check

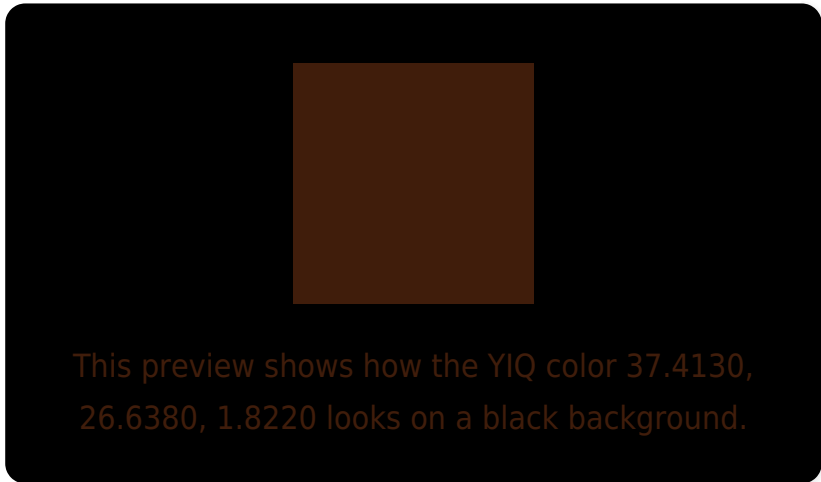
Large Text (above 18pt) WCAG AA ✓ Pass

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

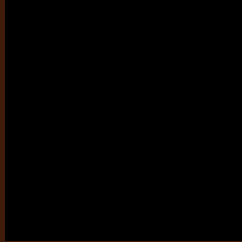
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.4130, 26.6380, 1.8220

Background



This preview shows how black text looks on a background with the YIQ color 37.4130, 26.6380, 1.8220.

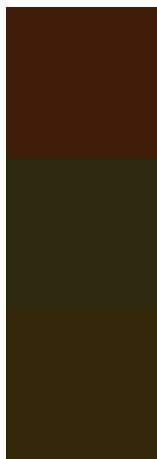


This preview shows how white text looks on a background with the YIQ color 37.4130, 26.6380,

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

37.4130, 26.6380, 1.8220

Protanopia

38.2320, 10.7300, -7.2380

Deuteranopia

38.0540, 17.1030, -7.0970



Tritanopia

38.5900, 22.0060, 8.6780

Trichromacy



Original Color

37.4130, 26.6380, 1.8220

Protanomaly

37.8630, 16.3230, -3.9730

Deuteranomaly

37.9020, 20.5870, -4.1570

Tritanomaly

38.3790, 23.9780, 5.9780

Monochromacy



Original Color

37.4130, 26.6380, 1.8220

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4130, 26.6380, 1.8220 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(64, 29, 11)` looks like.

```
.text, #text, p{  
    color:rgb(64, 29, 11)  
}
```

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(64, 29, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 29, 11) }
```

Border

The CSS property to change the border of an element to YIQ 37.4130, 26.6380, 1.8220 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(64, 29, 11) }
```


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

```
.border{ border-color:rgb(64, 29, 11) }
```

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

Here you see how a box with a 4 pixel rgb(64, 29, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 29, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 29, 11);  
box-shadow:4px 4px 4px 4px rgb(64, 29, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.4130, 26.6380, 1.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 29, 11) }
```

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

```
.background{ background-color: rgb(64, 29,  
11) }
```

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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