

Converting Colors

YIQ(30.3370, 15.7690, 17.0890)

Have a look what the booklet for
YIQ(30.3370, 15.7690, 17.0890)
contains.

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Color

**YIQ(30.3370, 15.7690,
17.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	380F2A
RGB	56, 15, 42
RGB Percent	22%, 6%, 16%
CMY	0.7803, 0.9412, 0.8353
CMYK	0.00, 0.73, 0.25, 0.78
HSL	320°, 58%, 14%
HSV	320°, 73%, 22%
XYZ	2.2212, 1.3500, 2.3350
YIQ	30.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

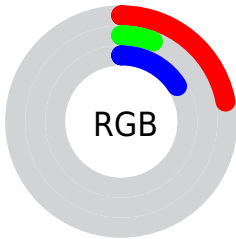
Format	Color
RYB	56, 15, 42
Decimal	3673898
CIELab	11.62, 23.90, -7.94
CIElCh	12, 25.182, 341.612
Yxy	1.3500, 0.3761, 0.2286
Android (android.graphics.Color)	4281863978 (0xFF380F2A)
YUV	30.3370, 5.7499, 22.5065
Hunter-Lab	11.6190, 13.7909, -3.7819

Details

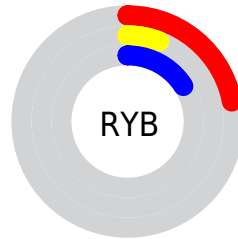
The YIQ color **30.3370, 15.7690, 17.0890** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.6630, -15.7690, -17.0890**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.5330, 18.1530, 17.9370**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.5870, 18.0610, 19.6050**, and if you desaturate by 10%, it is **34.0870, 13.4770, 14.5730**.

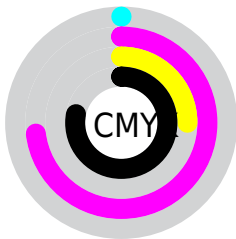
Distribution



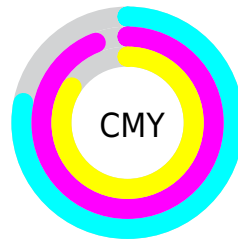
- Red (22%)
- Green (6%)
- Blue (16%)



- Red (22%)
- Yellow (6%)
- Blue (16%)



- Cyan (0%)
- Magenta (73%)
- Yellow (25%)
- Black (78%)





- Cyan (78%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 30.3370, 15.7690, 17.0890 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 30.3370, 15.7690, 17.0890 by changing the saturation by 10% instead.

 30.3370, 15.7690,
17.0890


 30.3370, 15.7690,
17.0890


 248.5430, 3.0250,
5.7530


 13.2720, 14.3940,
14.4740


 76.5330, 18.1530,
17.9370

 0.0000, 0.0000,
0.0000

 100.9460, 18.4280,
18.4600


 125.9570, 19.8950,
19.4070


 152.2560, 20.4910,
19.6190


 179.5550, 21.0870,
19.8310


 207.2670, 21.9580,


20.5660


 231.1950, 13.2930,
17.9090


 30.3370, 15.7690,
17.0890


 30.3370, 15.7690,
17.0890


 26.5870, 18.0610,
19.6050


 34.0870, 13.4770,
14.5730


 23.4240, 20.0780,
21.5980

 37.2500, 11.4600,
12.5800

 20.9620, 21.4990,
23.3790

 41.0000, 9.1680,
10.0640

 44.1630, 7.1510,
8.0710

 47.9130, 4.8590,
5.5550

■ 51.5490, 2.8880,
2.7280

■ 54.7120, 0.8710,
0.7350

■ 58.4620, -1.4210,
-1.7810

■ 61.6250, -3.4380,
-3.7740

Harmonies

Analogous

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



31.9590, -0.7820, 14.1780



30.3370, 15.7690, 17.0890



28.7200, 24.7560, 13.9080

Triad

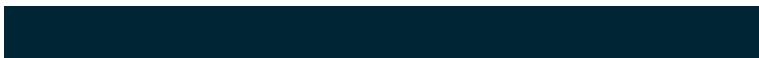
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.3370, 15.7690, 17.0890



28.9500, 11.4640, -9.5280



28.3480, -27.4630, -3.3910

Complementary

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



30.3370, 15.7690, 17.0890



40.6630, -15.7690, -17.0890

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.



27.1110, -22.6020, -8.8900



30.3370, 15.7690, 17.0890



25.9160, -0.3640, -15.4360

Square

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



30.3370, 15.7690, 17.0890



29.6140, 21.4580, -3.4220



24.4720, -16.5490, -13.9650



28.3140, -30.1230, 0.7650

Rectangle

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



30.3370, 15.7690, 17.0890



28.5860, 27.8290, 7.7730



24.4720, -16.5490, -13.9650



27.7780, -25.8580, -4.9460

Sweetspot

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



30.3370, 15.7690, 17.0890



63.9240, 6.3260, 6.5020



23.8600, -4.8170, 15.7190



31.7880, 3.7130, 4.2970



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



30.3370, 15.7690, 17.0890



33.3370, 24.9370, 27.1530



28.0570, 22.1890, 10.8690



26.1250, 1.1460, 1.2580



34.3480, 35.5720, 38.1640



81.8970, 84.3000, 91.2120

Inverse Universe

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



30.3370, 15.7690, 17.0890



33.3370, 24.9370, 27.1530



42.9430, -22.1890, -10.8690



26.1250, 1.1460, 1.2580



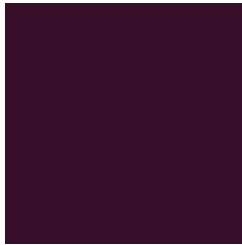
34.3480, 35.5720, 38.1640



81.8970, 84.3000, 91.2120

Previews

White Background



This preview shows how the YIQ color 30.3370, 15.7690, 17.0890 looks on a white background.

Color Contrast Check

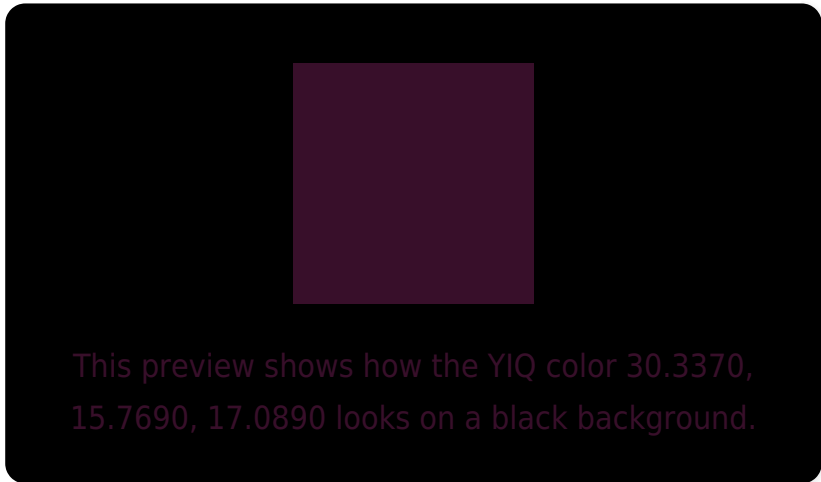
Large Text (above 18pt) WCAG AA ✓ Pass

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

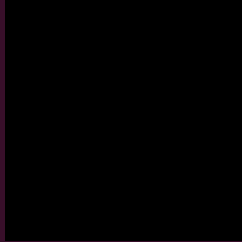
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.3370, 15.7690, 17.0890

Background



This preview shows how black text looks on a background with the YIQ color 30.3370, 15.7690, 17.0890.



This preview shows how white text looks on a background with the YIQ color 30.3370, 15.7690,

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

30.3370, 15.7690, 17.0890

Protanopia

31.9310, -12.7470, 5.2450

Deuteranopia

32.9120, -2.5680, 2.4880



Tritanopia

30.9810, 19.3470, 7.3070

Trichromacy



Original Color

30.3370, 15.7690, 17.0890

Protanomaly

31.4270, -2.3400, 9.3720

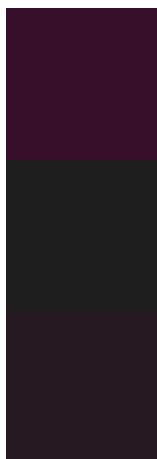
Deuteranomaly

32.1950, 4.1250, 7.8450

Tritanomaly

30.9040, 18.2460, 10.7420

Monochromacy



Original Color

30.3370, 15.7690, 17.0890

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.3370, 15.7690, 17.0890 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(56, 15, 42)` looks like.

```
.text, #text, p{  
    color:rgb(56, 15, 42)  
}
```

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(56, 15, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 15, 42) }
```

Border

The CSS property to change the border of an element to YIQ 30.3370, 15.7690, 17.0890 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(56, 15, 42) }
```


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

```
.border{ border-color:rgb(56, 15, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 15, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 15, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 15, 42);  
box-shadow:4px 4px 4px 4px rgb(56, 15, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.3370, 15.7690, 17.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 15, 42) }
```

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

```
.background{ background-color: rgb(56, 15,  
42) }
```

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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