

Converting Colors

YIQ(173.3410, 70.6990, 1.7630)

Have a look what the booklet for
YIQ(173.3410, 70.6990, 1.7630)
contains.

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Color

**YIQ(173.3410, 70.6990,
1.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	F29962
RGB	242, 153, 98
RGB Percent	95%, 60%, 38%
CMY	0.0508, 0.4001, 0.6154
CMYK	0.00, 0.37, 0.59, 0.05
HSL	23°, 85%, 67%
HSV	23°, 59%, 95%
XYZ	50.2271, 42.5388, 17.1392
YIQ	173.3410, 70.6990, 1.7630

Conversions

Conversions Part 2

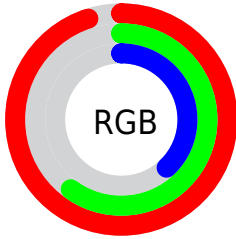
Format	Color
R _Y B	242, 187, 98
Decimal	15898978
CIE Lab	71.24, 28.20, 42.43
CIE LCh	71, 50.944, 56.390
Yxy	42.5388, 0.4570, 0.3871
Android (android.graphics.Color)	4294089058 (0xFF29962)
YUV	173.3410, -37.1431, 60.2139
Hunter-Lab	65.2218, 23.3241, 30.0748

Details

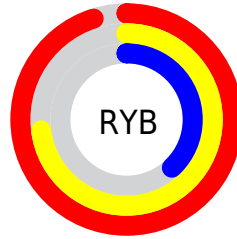
The YIQ color **173.3410, 70.6990, 1.7630** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **166.6590, -70.6990, -1.7630**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.4410, 46.6300, -8.0740**, and **119.2910, 64.9680, 1.0000** is the 20% darker color. If you saturate the color by 10%, you get **161.8000, 82.5280, 2.1440**, and if you desaturate by 10%, it is **184.8820, 58.8700, 1.3820**.

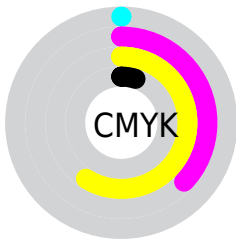
Distribution



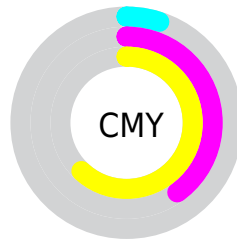
- Red (95%)
- Green (60%)
- Blue (38%)



- Red (95%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3410, 70.6990, 1.7630 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 173.3410, 70.6990, 1.7630 by changing the saturation by 10% instead.

173.3410, 70.6990,
1.7630

173.3410, 70.6990,
1.7630

255.0000, -0.0000,
-0.0000

146.2590, 67.9940,
1.2260

215.4410, 46.6300,
-8.0740

119.2910, 64.9680,
1.0000

234.9550, 30.2630,
-14.3210

93.4970, 61.3920,
-0.2720

249.3000, 16.0500,
-15.5500

67.8880, 58.7330,
-1.6430

252.4920, 7.0620,
-6.8420

45.4280, 48.6450,
4.9730

22.9680, 38.5570,
11.5890

12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 173.3410, 70.6990,
1.7630

■ 173.3410, 70.6990,
1.7630

■ 161.8000, 82.5280,
2.1440

■ 184.8820, 58.8700,
1.3820

■ 150.2590, 94.3570,
2.5250

■ 196.4230, 47.0410,
1.0010

■ 138.6040,
106.5070, 2.5950

■ 208.0780, 34.8910,
0.9310

■ 127.0630,
118.3360, 2.9760

■ 219.6190, 23.0620,
0.5500

■ 126.3620,
118.9320, 3.1880

■ 231.1600, 11.2330,
0.1690

■ 242.7010, -0.5960,
-0.2120

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



173.3420, 70.0990, 23.6590



173.3410, 70.6990, 1.7630



170.6890, 51.2630, -20.4570

Triad

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



173.3410, 70.6990, 1.7630



135.2640, -108.0570, -51.6170



175.8690, -26.2310, 29.3610

Complementary

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



173.3410, 70.6990, 1.7630



166.6590, -70.6990, -1.7630

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.



157.7420, -86.9300, 0.5420



173.3410, 70.6990, 1.7630



140.0350, -122.8690, -36.4770

Square

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



173.3410, 70.6990, 1.7630



158.1810, -29.9320, -41.2600



141.3180, -133.3710, -22.3550



179.9260, 22.3210, 41.5290

Rectangle

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



173.3410, 70.6990, 1.7630



167.9310, 29.6700, -31.1140



141.3180, -133.3710, -22.3550



171.6170, -43.3770, 20.7110

Sweetspot

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



173.3410, 70.6990, 1.7630



233.3200, 22.4660, 0.3380



151.4300, 56.6130, 58.8290



114.1280, 14.2590, 0.3950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



173.3410, 70.6990, 1.7630



168.6220, 88.9010, 2.2850



214.4310, 51.4490, -34.8470



113.9360, 6.0520, 0.4520



96.1060, 90.4140, 2.3980



29.0710, 27.6010, 0.8890

Inverse Universe

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



166.6590, -70.6990, -1.7630



160.3780, -88.9010, -2.2850



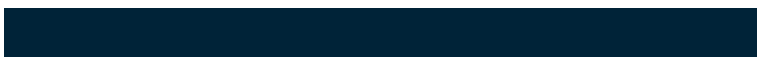
125.5690, -51.4490, 34.8470



113.4770, -5.7770, 0.0710



87.8940, -90.4140, -2.3980



26.9290, -27.6010, -0.8890

Previews

White Background



This preview shows how the YIQ color 173.3410, 70.6990, 1.7630 looks on a white 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

Black Background



This preview shows how the YIQ color 173.3410, 70.6990, 1.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

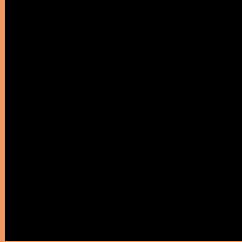
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3410, 70.6990, 1.7630

Background



This preview shows how black text looks on a background with the YIQ color 173.3410, 70.6990, 1.7630.



This preview shows how white text looks on a background with the YIQ color 173.3410, 70.6990,

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

173.3410, 70.6990, 1.7630

Protanopia

171.9180, 31.6850, -18.0670

Deuteranopia

172.8450, 51.1240, -12.4280



Tritanopia

177.1540, 56.0690, 24.6210

Trichromacy



Original Color

173.3410, 70.6990, 1.7630

Protanomaly

172.5610, 46.1720, -10.7880

Deuteranomaly

173.0140, 58.1380, -7.3820

Tritanomaly

176.2220, 61.3890, 16.3090

Monochromacy



Original Color

173.3410, 70.6990, 1.7630

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2880, 25.4920, 0.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3410, 70.6990, 1.7630 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(242, 153, 98)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 98)  
}
```

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(242, 153, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 98) }
```

Border

The CSS property to change the border of an element to YIQ 173.3410, 70.6990, 1.7630 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(242, 153, 98) }
```


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

```
.border{ border-color:rgb(242, 153, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 98);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3410, 70.6990, 1.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 98) }
```

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

```
.background{ background-color: rgb(242,  
153, 98) }
```

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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