

Converting Colors

YIQ(104.3800, 22.2370, -1.0190)

Have a look what the booklet for
YIQ(104.3800, 22.2370, -1.0190)
contains.

YIQ(104.3800, 22.2370, -1.0190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(104.3800, 22.2370,
-1.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	7D634E
RGB	125, 99, 78
RGB Percent	49%, 39%, 31%
CMY	0.5098, 0.6118, 0.6940
CMYK	0.00, 0.21, 0.38, 0.51
HSL	27°, 23%, 40%
HSV	27°, 38%, 49%
XYZ	14.2962, 13.8330, 9.1293
YIQ	104.3800, 22.2370, -1.0190

Conversions

Conversions Part 2

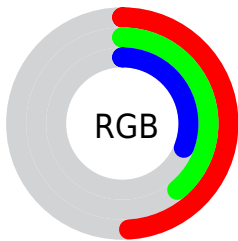
Format	Color
R_{YB}	125, 116, 78
Decimal	8217422
CIE Lab	43.99, 7.32, 15.90
CIE LCh	44, 17.503, 65.280
Yxy	13.8330, 0.3837, 0.3713
Android (android.graphics.Color)	4286407502 (0xFF7D634E)
YUV	104.3800, -13.0053, 18.0837
Hunter-Lab	37.1927, 3.5249, 11.4816

Details

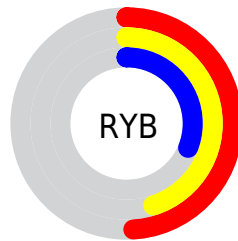
The YIQ color **104.3800, 22.2370, -1.0190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98.6200, -22.2370, 1.0190**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.0490, 24.6670, -1.0050**, and **57.2980, 19.5320, -1.5560** is the 20% darker color. If you saturate the color by 10%, you get **98.9030, 28.0140, -1.0900**, and if you desaturate by 10%, it is **109.9710, 16.1390, -0.6370**.

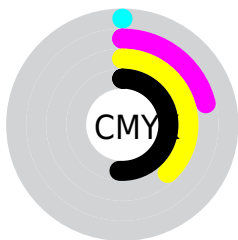
Distribution



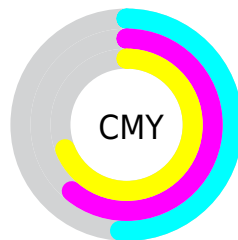
- Red (49%)
- Green (39%)
- Blue (31%)



- Red (49%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3800, 22.2370, -1.0190 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 104.3800, 22.2370, -1.0190 by changing the saturation by 10% instead.

■ 104.3800, 22.2370,
-1.0190

■ 104.3800, 22.2370,
-1.0190

■ 255.0000, -0.0000,
-0.0000

■ 79.8960, 20.7240,
-1.1320

■ 156.0490, 24.6670,
-1.0050

■ 56.7110, 19.8070,
-1.0330

■ 182.3480, 25.2630,
-0.7930

■ 34.8140, 18.0190,
-1.6690

■ 210.5330, 26.1800,
-0.8920

■ 13.3670, 15.0840,
1.9640

■ 236.1410, 21.4120,
-2.5880

■ 0.0000, 0.0000,
0.0000

■ 252.8340, 6.0990,
-5.9090

■ 104.3800, 22.2370,
-1.0190

■ 104.3800, 22.2370,
-1.0190

■ 98.9030, 28.0140,
-1.0900

■ 109.9710, 16.1390,
-0.6370

■ 93.3120, 34.1120,
-1.4720

■ 115.4480, 10.3620,
-0.5660

■ 87.8350, 39.8890,
-1.5430

■ 121.0390, 4.2640,
-0.1840

■ 82.2440, 45.9870,
-1.9250

■ 126.5160, -1.5130,
-0.1130

■ 76.7670, 51.7640,
-1.9960

■ 132.1070, -7.6110,
0.2690

■ 71.1760, 57.8620,
-2.3780

■ 137.5840,
-13.3880, 0.3400

■ 70.2470, 59.1000,
-2.7880

■ 142.5880,
-19.2110, 1.2450

■ 148.0650,

-24.9880, 1.3160

■ 153.6560,
-31.0860, 1.6980

Harmonies

Analogous

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



105.5640, 24.8950, 5.8790



104.3800, 22.2370, -1.0190



103.0860, 14.0770, -7.3230

Triad

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



104.3800, 22.2370, -1.0190



97.5620, -25.4900, -11.6180



105.5950, -2.7530, 11.3510

Complementary

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



104.3800, 22.2370, -1.0190



98.6200, -22.2370, 1.0190

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.



103.1200, -17.6530, 6.0510



104.3800, 22.2370, -1.0190



97.0760, -32.6890, -7.8010

Square

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



104.3800, 22.2370, -1.0190



99.4510, -12.0560, -12.7920



100.0320, -29.3890, -1.5250



106.3640, 11.1390, 12.8910

Rectangle

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



104.3800, 22.2370, -1.0190



102.1990, 6.3290, -10.0790



100.0320, -29.3890, -1.5250



104.9040, -8.1170, 9.4430

Sweetspot

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



104.3800, 22.2370, -1.0190



155.0780, 8.5280, -0.3680



95.1310, 19.3450, 18.3610



77.2240, 5.1810, -0.2830



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



104.3800, 22.2370, -1.0190



131.1980, 34.4330, -1.7830



117.8810, 15.9120, -13.0480



60.8540, 3.3470, -0.0850



71.7310, 60.6130, -2.6750



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.6200, -22.2370, 1.0190



121.8020, -34.4330, 1.7830



85.1190, -15.9120, 13.0480



60.1460, -3.3470, 0.0850



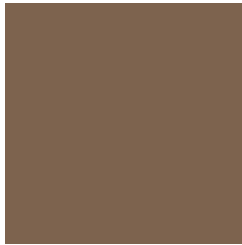
56.2690, -60.6130, 2.6750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 104.3800, 22.2370, -1.0190 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 × Fail

Black Background



This preview shows how the YIQ color 104.3800, 22.2370, -1.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3800, 22.2370, -1.0190

Background



This preview shows how black text looks on a background with the YIQ color 104.3800, 22.2370, -1.0190.



This preview shows how white text looks on a background with the YIQ color 104.3800, 22.2370,

-1.0190.

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

104.3800, 22.2370, -1.0190

Protanopia

103.3570, 11.8760, -5.9800

Deuteranopia

104.3690, 20.7700, -1.9660



Tritanopia

106.3660, 16.8250, 8.9610

Trichromacy



Original Color

104.3800, 22.2370, -1.0190

Protanomaly

103.5640, 15.7270, -4.1850

Deuteranomaly

104.6680, 21.3660, -1.7540

Tritanomaly

105.6280, 18.8430, 5.4270

Monochromacy



Original Color

104.3800, 22.2370, -1.0190

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1920, 8.2070, -0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3800, 22.2370, -1.0190 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(125, 99, 78)` looks like.

```
.text, #text, p{  
    color:rgb(125, 99, 78)  
}
```

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(125, 99, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 99, 78) }
```

Border

The CSS property to change the border of an element to YIQ 104.3800, 22.2370, -1.0190 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(125, 99, 78) }
```


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

```
.border{ border-color:rgb(125, 99, 78) }
```

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

Here you see how a box with a 4 pixel rgb(125, 99, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 99, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 99, 78);  
box-shadow:4px 4px 4px 4px rgb(125, 99,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3800, 22.2370, -1.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 99, 78) }
```

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

```
.background{ background-color: rgb(125, 99,  
78) }
```

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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