

Converting Colors

YIQ(103.5370, 20.3570, 0.0130)

Have a look what the booklet for
YIQ(103.5370, 20.3570, 0.0130)
contains.

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Color

**YIQ(103.5370, 20.3570,
0.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6251
RGB	123, 98, 81
RGB Percent	48%, 38%, 32%
CMY	0.5176, 0.6157, 0.6823
CMYK	0.00, 0.20, 0.34, 0.52
HSL	24°, 21%, 40%
HSV	24°, 34%, 48%
XYZ	14.0230, 13.5397, 9.6636
YIQ	103.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

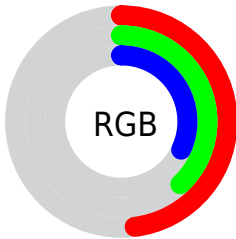
Format	Color
R_{YB}	123, 110, 81
Decimal	8086097
CIE Lab	43.57, 7.46, 13.49
CIE LCh	44, 15.410, 61.068
Yxy	13.5397, 0.3767, 0.3637
Android (android.graphics.Color)	4286276177 (0xFF7B6251)
YUV	103.5370, -11.1107, 17.0691
Hunter-Lab	36.7963, 3.6322, 10.1864

Details

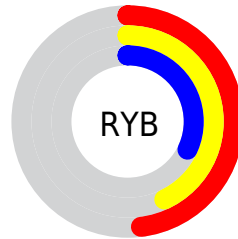
The YIQ color **103.5370, 20.3570, 0.0130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.4630, -20.3570, -0.0130**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.9070, 22.1910, -0.1850**, and **56.4550, 17.6520, -0.5240** is the 20% darker color. If you saturate the color by 10%, you get **98.0600, 26.1340, -0.0580**, and if you desaturate by 10%, it is **109.0140, 14.5800, 0.0840**.

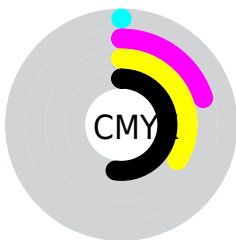
Distribution



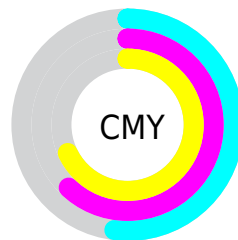
- Red (48%)
- Green (38%)
- Blue (32%)



- Red (48%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.5370, 20.3570, 0.0130 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 103.5370, 20.3570, 0.0130 by changing the saturation by 10% instead.

■ 103.5370, 20.3570,
0.0130

■ 103.5370, 20.3570,
0.0130

■ 255.0000, -0.0000,
-0.0000

■ 79.3520, 19.4400,
0.1120

■ 154.9070, 22.1910,
-0.1850

■ 56.4550, 17.6520,
-0.5240

■ 181.5050, 23.3830,
0.2390

■ 34.3840, 16.4140,
-0.1140

■ 209.3910, 23.7040,
-0.0720

■ 12.7800, 15.3590,
2.4870

■ 235.8960, 20.7240,
-1.1320

■ 0.0000, 0.0000,
0.0000

■ 253.1760, 5.1360,
-4.9760

■ 103.5370, 20.3570,
0.0130

■ 103.5370, 20.3570,
0.0130

■ 98.0600, 26.1340,
-0.0580

■ 109.0140, 14.5800,
0.0840

■ 91.8820, 32.5070,
0.0830

■ 115.1920, 8.2070,
-0.0570

■ 86.4050, 38.2840,
0.0120

■ 120.6690, 2.4300,
0.0140

■ 80.9280, 44.0610,
-0.0590

■ 126.1460, -3.3470,
0.0850

■ 74.8640, 50.1130,
0.3930

■ 132.3240, -9.7200,
-0.0560

■ 69.2730, 56.2110,
0.0110

■ 137.8010,
-15.4970, 0.0150

■ 66.1270, 59.5580,
-0.0740

■ 143.2780,
-21.2740, 0.0860

■ 149.3420,

-27.3260, -0.3660

■ 154.9330,
-33.4240, 0.0160

Harmonies

Analogous

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



104.5960, 21.8690, 5.6530



103.5370, 20.3570, 0.0130



102.2540, 13.6640, -5.3440

Triad

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



103.5370, 20.3570, 0.0130



97.8400, -20.4010, -10.2330



104.6440, -4.4490, 9.0470

Complementary

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



103.5370, 20.3570, 0.0130



100.4630, -20.3570, -0.0130

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.



101.9520, -17.2400, 4.0720



103.5370, 20.3570, 0.0130



97.8270, -27.5540, -7.2500

Square

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



103.5370, 20.3570, 0.0130



99.3590, -8.8010, -11.2090



99.4730, -26.3170, -2.1330



105.3420, 8.2050, 10.9970

Rectangle

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



103.5370, 20.3570, 0.0130



101.4380, 7.1540, -8.5100



99.4730, -26.3170, -2.1330



103.6650, -8.9420, 7.8740

Sweetspot

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



103.5370, 20.3570, 0.0130



153.3060, 7.8860, 0.2540



96.4080, 17.0070, 16.6790



77.3380, 4.8600, 0.0280



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.



103.5370, 20.3570, 0.0130



129.9960, 32.1860, 0.3940



115.8640, 14.5820, -10.9700



58.5550, 2.7510, -0.2970



66.7250, 60.7500, 0.3500



135.2220, 122.1420, 0.0780

Inverse Universe

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



100.4630, -20.3570, -0.0130



125.4170, -31.9110, 0.1290



88.1360, -14.5820, 10.9700



58.0320, -3.0260, -0.2260



57.6880, -60.4750, 0.1730



116.7780, -122.1420, -0.0780

Previews

White Background



This preview shows how the YIQ color 103.5370, 20.3570, 0.0130 looks on a white background.

Color Contrast Check

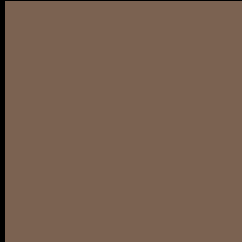
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5370, 20.3570, 0.0130 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 103.5370, 20.3570, 0.0130

Background



This preview shows how black text looks on a background with the YIQ color 103.5370, 20.3570, 0.0130.



This preview shows how white text looks on a background with the YIQ color 103.5370, 20.3570,

0.0130.

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

103.5370, 20.3570, 0.0130

Protanopia

102.5140, 9.9960, -4.9480

Deuteranopia

103.5260, 18.8900, -0.9340



Tritanopia

104.7680, 15.6330, 8.5370

Trichromacy



Original Color

103.5370, 20.3570, 0.0130

Protanomaly

102.7210, 13.8470, -3.1530

Deuteranomaly

103.8250, 19.4860, -0.7220

Tritanomaly

104.1440, 17.3300, 5.3140

Monochromacy



Original Color

103.5370, 20.3570, 0.0130

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5370, 20.3570, 0.0130 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(123, 98, 81)` looks like.

```
.text, #text, p{  
    color:rgb(123, 98, 81)  
}
```

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(123, 98, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 98, 81) }
```

Border

The CSS property to change the border of an element to YIQ 103.5370, 20.3570, 0.0130 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(123, 98, 81) }
```


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

```
.border{ border-color:rgb(123, 98, 81) }
```

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

Here you see how a box with a 4 pixel rgb(123, 98, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 98, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 98, 81);  
box-shadow:4px 4px 4px 4px rgb(123, 98,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5370, 20.3570, 0.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 98, 81) }
```

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

```
.background{ background-color: rgb(123, 98,  
81) }
```

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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