

Converting Colors

YIQ(101.6680, 21.3660, -1.7540)

Have a look what the booklet for
YIQ(101.6680, 21.3660, -1.7540)
contains.

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Color

**YIQ(101.6680, 21.3660,
-1.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	79614B
RGB	121, 97, 75
RGB Percent	47%, 38%, 29%
CMY	0.5254, 0.6196, 0.7058
CMYK	0.00, 0.20, 0.38, 0.53
HSL	29°, 23%, 38%
HSV	29°, 38%, 47%
XYZ	13.4314, 13.1216, 8.4861
YIQ	101.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

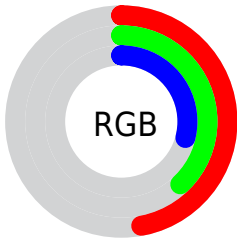
Format	Color
RYB	121, 117, 75
Decimal	7954763
CIELab	42.95, 6.36, 16.20
CIElCh	43, 17.403, 68.577
Yxy	13.1216, 0.3833, 0.3745
Android (android.graphics.Color)	4286144843 (0xFF79614B)
YUV	101.6680, -13.1473, 16.9542
Hunter-Lab	36.2238, 2.7941, 11.4669

Details

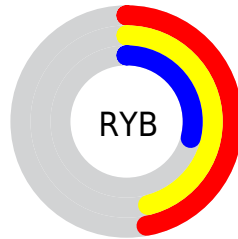
The YIQ color **101.6680, 21.3660, -1.7540** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **94.3320, -21.3660, 1.7540**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.0380, 23.2000, -1.9520**, and **54.7000, 18.3400, -1.9800** is the 20% darker color. If you saturate the color by 10%, you get **96.7780, 26.8680, -2.3480**, and if you desaturate by 10%, it is **106.5580, 15.8640, -1.1600**.

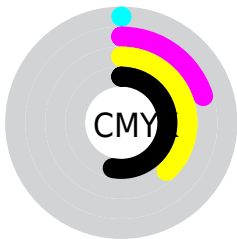
Distribution



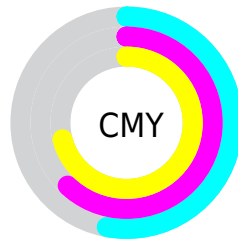
- Red (47%)
- Green (38%)
- Blue (29%)



- Red (47%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.6680, 21.3660, -1.7540 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 101.6680, 21.3660, -1.7540 by changing the saturation by 10% instead.

■ 101.6680, 21.3660,
-1.7540

■ 101.6680, 21.3660,
-1.7540

■ 255.0000, -0.0000,
-0.0000

■ 77.4830, 20.4490,
-1.6550

■ 153.0380, 23.2000,
-1.9520

■ 54.7000, 18.3400,
-1.9800

■ 179.6360, 24.3920,
-1.5280

■ 32.8740, 17.7900,
-3.0260

■ 207.5220, 24.7130,
-1.8390

■ 10.7090, 14.1210,
2.8970

■ 234.5110, 23.2460,
-2.7860

■ 0.0000, 0.0000,
0.0000

■ 252.3780, 7.3830,
-7.1530

■ 101.6680, 21.3660,
-1.7540

■ 101.6680, 21.3660,
-1.7540

■ 96.7780, 26.8680,
-2.3480

■ 106.5580, 15.8640,
-1.1600

■ 91.3010, 32.6450,
-2.4190

■ 112.0350, 10.0870,
-1.0890

■ 86.4110, 38.1470,
-3.0130

■ 116.9250, 4.5850,
-0.4950

■ 81.5210, 43.6490,
-3.6070

■ 121.8150, -0.9170,
0.0990

■ 76.0440, 49.4260,
-3.6780

■ 127.4060, -7.0150,
0.4810

■ 71.0400, 55.2490,
-4.5830

■ 132.2960,
-12.5170, 1.0750

■ 70.2250, 56.1660,
-4.6820

■ 137.1860,
-18.0190, 1.6690

■ 142.6630,

-23.7960, 1.7400

■ 147.5530,
-29.2980, 2.3340

Harmonies

Analogous

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



102.7380, 24.3450, 4.8330



101.6680, 21.3660, -1.7540



100.4880, 12.8850, -7.7470

Triad

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



101.6680, 21.3660, -1.7540



95.0780, -27.0030, -11.7310



103.0790, -1.2400, 11.4640

Complementary

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



101.6680, 21.3660, -1.7540



94.3320, -21.3660, 1.7540

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.



101.0170, -15.8650, 6.6870



101.6680, 21.3660, -1.7540



95.1900, -33.0100, -7.4900

Square

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



101.6680, 21.3660, -1.7540



96.6680, -14.1650, -13.1170



97.7440, -28.5180, -0.7900



103.5490, 12.0560, 12.7920

Rectangle

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



101.6680, 21.3660, -1.7540



99.3020, 4.5410, -10.7150



97.7440, -28.5180, -0.7900



102.8010, -6.3290, 10.0790

Sweetspot

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



101.6680, 21.3660, -1.7540



150.7790, 7.9320, -0.5800



91.6040, 19.3910, 17.5270



74.9250, 4.5850, -0.4950



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



101.6680, 21.3660, -1.7540



127.3720, 33.8830, -2.8290



114.5820, 15.3160, -13.2600



58.5550, 2.7510, -0.2970



72.5950, 58.0000, -4.8800



146.3750, 116.9170, -9.8590

Inverse Universe

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



94.3320, -21.3660, 1.7540



115.6280, -33.8830, 2.8290



81.4180, -15.3160, 13.2600



57.4450, -2.7510, 0.2970



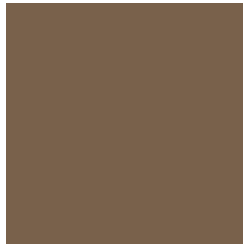
52.4050, -58.0000, 4.8800



106.2120, -117.1920, 9.3360

Previews

White Background



This preview shows how the YIQ color 101.6680, 21.3660, -1.7540 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 101.6680, 21.3660, -1.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

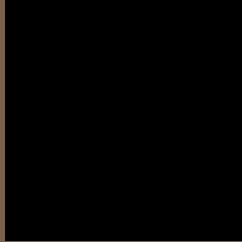
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.6680, 21.3660, -1.7540

Background



This preview shows how black text looks on a background with the YIQ color 101.6680, 21.3660, -1.7540.



This preview shows how white text looks on a background with the YIQ color 101.6680, 21.3660,

-1.7540.

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

101.6680, 21.3660, -1.7540

Protanopia

100.6560, 12.4720, -5.7680

Deuteranopia

101.3690, 20.7700, -1.9660



Tritanopia

103.7680, 15.6330, 8.5370

Trichromacy



Original Color

101.6680, 21.3660, -1.7540

Protanomaly

101.1510, 15.4520, -4.7080

Deuteranomaly

101.3690, 20.7700, -1.9660

Tritanomaly

103.0300, 17.6510, 5.0030

Monochromacy



Original Color

101.6680, 21.3660, -1.7540

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.7790, 7.9320, -0.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.6680, 21.3660, -1.7540 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(121, 97, 75)` looks like.

```
.text, #text, p{  
    color:rgb(121, 97, 75)  
}
```

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(121, 97, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 97, 75) }
```

Border

The CSS property to change the border of an element to YIQ 101.6680, 21.3660, -1.7540 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(121, 97, 75) }
```


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

```
.border{ border-color:rgb(121, 97, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 97, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 97, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 97, 75);  
box-shadow:4px 4px 4px 4px rgb(121, 97,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 101.6680, 21.3660, -1.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 97, 75) }
```

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

```
.background{ background-color: rgb(121, 97,  
75) }
```

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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