

Converting Colors

YIQ(96.7700, 21.3190, 4.6070)

Have a look what the booklet for
YIQ(96.7700, 21.3190, 4.6070)
contains.

YIQ(96.7700, 21.3190, 4.6070)	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(96.7700, 21.3190,
4.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	785851
RGB	120, 88, 81
RGB Percent	47%, 35%, 32%
CMY	0.5293, 0.6549, 0.6823
CMYK	0.00, 0.27, 0.32, 0.53
HSL	11°, 19%, 39%
HSV	11°, 32%, 47%
XYZ	12.7230, 11.5660, 9.3510
YIQ	96.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

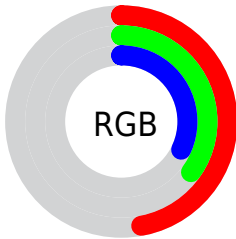
Format	Color
R_{YB}	120, 90, 81
Decimal	7886929
CIE _{Lab}	40.52, 12.16, 9.21
CIE _{LCh}	41, 15.252, 37.126
Yxy	11.5660, 0.3782, 0.3438
Android (android.graphics.Color)	4286077009 (0xFF785851)
YUV	96.7700, -7.7746, 20.3727
Hunter-Lab	34.0089, 7.2625, 7.5040

Details

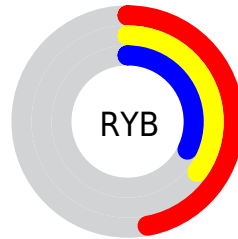
The YIQ color **96.7700, 21.3190, 4.6070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104.2300, -21.3190, -4.6070**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5530, 23.4280, 4.9320**, and **49.6880, 18.6140, 4.0700** is the 20% darker color. If you saturate the color by 10%, you get **89.5320, 27.9210, 6.1050**, and if you desaturate by 10%, it is **104.0080, 14.7170, 3.1090**.

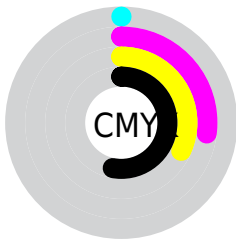
Distribution



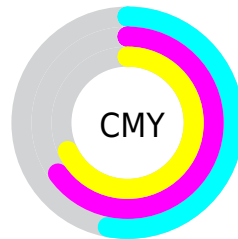
- Red (47%)
- Green (35%)
- Blue (32%)



- Red (47%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7700, 21.3190, 4.6070 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 96.7700, 21.3190, 4.6070 by changing the saturation by 10% instead.

■ 96.7700, 21.3190,
4.6070

■ 96.7700, 21.3190,
4.6070

■ 255.0000, -0.0000,
-0.0000

■ 73.1720, 20.1270,
4.1830

■ 147.5530, 23.4280,
4.9320

■ 49.6880, 18.6140,
4.0700

■ 174.1510, 24.6200,
5.3560

■ 28.7910, 16.8260,
3.4340

■ 202.0370, 24.9410,
5.0450

■ 7.7740, 15.4960,
5.5120

■ 228.8520, 24.0240,
5.1440

■ 0.0000, 0.0000,
0.0000

■ 249.0670, 7.0610,
-1.3150

■ 96.7700, 21.3190,
4.6070

■ 96.7700, 21.3190,
4.6070

■ 89.5320, 27.9210,
6.1050

■ 104.0080, 14.7170,
3.1090

■ 82.2940, 34.5230,
7.6030

■ 111.2460, 8.1150,
1.6110

■ 75.0560, 41.1250,
9.1010

■ 118.4840, 1.5130,
0.1130

■ 68.4050, 47.4520,
10.0760

■ 125.1350, -4.8140,
-0.8620

■ 61.1670, 54.0540,
11.5740

■ 132.3730,
-11.4160, -2.3600

■ 53.9290, 60.6560,
13.0720

■ 139.6110,
-18.0180, -3.8580

■ 48.2070, 65.7450,
14.4570

■ 146.8490,
-24.6200, -5.3560

■ 154.0870,

-31.2220, -6.8540

■ 161.3250,
-37.8240, -8.3520

Harmonies

Analogous

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



97.8500, 18.3380, 9.0740



96.7700, 21.3190, 4.6070



95.5260, 18.8900, -0.9340

Triad

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



96.7700, 21.3190, 4.6070



91.6900, -11.2310, -11.2230



95.4470, -14.2600, 5.1320

Complementary

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



96.7700, 21.3190, 4.6070



104.2300, -21.3190, -4.6070

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.



92.1960, -23.9790, -0.4510



96.7700, 21.3190, 4.6070



90.4700, -22.2350, -10.0350

Square

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



96.7700, 21.3190, 4.6070



92.9750, 1.1480, -9.7960



90.3540, -27.6000, -6.4160



96.7260, -1.7440, 9.5840

Rectangle

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



96.7700, 21.3190, 4.6070



94.9660, 14.5350, -4.6090



90.3540, -27.6000, -6.4160



94.2400, -18.1110, 3.3370

Sweetspot

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



96.7700, 21.3190, 4.6070



146.5450, 8.7110, 1.8230



96.4230, 12.6510, 18.5310



73.2780, 5.0890, 1.3850



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.



96.7700, 21.3190, 4.6070



119.6960, 33.3310, 7.1790



107.9230, 16.0940, -5.3300



57.3810, 3.3010, 0.7490



50.2890, 68.4500, 14.9940



101.7630, 137.8170, 29.8890

Inverse Universe

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



104.2300, -21.3190, -4.6070



131.3040, -33.3310, -7.1790



93.0770, -16.0940, 5.3300



58.6190, -3.3010, -0.7490



74.7110, -68.4500, -14.9940



150.2370, -137.8170, -29.8890

Previews

White Background



This preview shows how the YIQ color 96.7700, 21.3190, 4.6070 looks on a white background.

Color Contrast Check

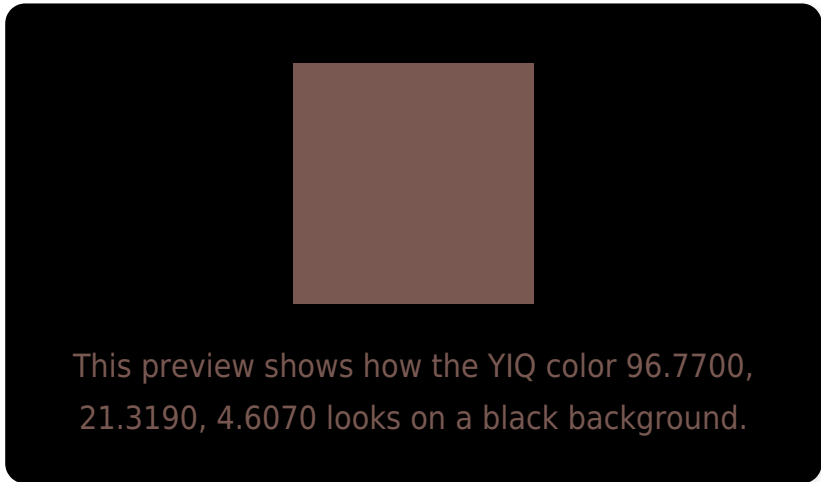
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

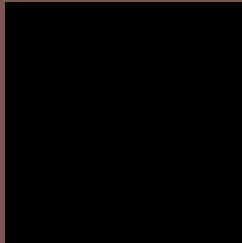
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.7700, 21.3190, 4.6070

Background



This preview shows how black text looks on a background with the YIQ color 96.7700, 21.3190, 4.6070.

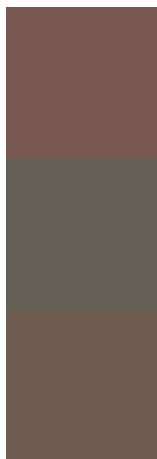


This preview shows how white text looks on a background with the YIQ color 96.7700, 21.3190,

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

96.7700, 21.3190, 4.6070

Protanopia

95.3550, 6.1900, -2.0500

Deuteranopia

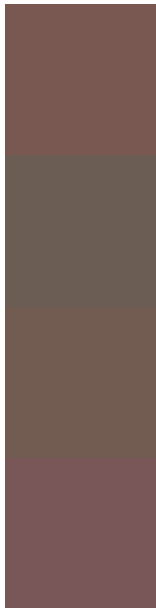
96.0140, 14.5800, 0.0840



Tritanopia

97.2630, 18.6130, 9.5970

Trichromacy



Original Color

96.7700, 21.3190, 4.6070

Protanomaly

95.5730, 11.5080, 0.6920

Deuteranomaly

96.6230, 17.2390, 1.4550

Tritanomaly

97.3940, 19.6220, 7.8300

Monochromacy



Original Color

96.7700, 21.3190, 4.6070

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7700, 21.3190, 4.6070 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(120, 88, 81)` looks like.

```
.text, #text, p{  
    color:rgb(120, 88, 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(120, 88, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 88, 81) }
```

Border

The CSS property to change the border of an element to YIQ 96.7700, 21.3190, 4.6070 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(120, 88, 81) }
```


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

```
.border{ border-color:rgb(120, 88, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 88, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 88, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 88, 81);  
box-shadow:4px 4px 4px 4px rgb(120, 88,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7700, 21.3190, 4.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 88, 81) }
```

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

```
.background{ background-color: rgb(120, 88,  
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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