

Converting Colors

YIQ(101.5570, 79.4990, 18.4990)

Have a look what the booklet for
YIQ(101.5570, 79.4990, 18.4990)
contains.

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Color

**YIQ(101.5570, 79.4990,
18.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	BD442D
RGB	189, 68, 45
RGB Percent	74%, 27%, 18%
CMY	0.2586, 0.7335, 0.8232
CMYK	0.00, 0.64, 0.76, 0.26
HSL	10°, 61%, 46%
HSV	10°, 76%, 74%
XYZ	23.5429, 15.1459, 4.1738
YIQ	101.5570, 79.4990, 18.4990

Conversions

Conversions Part 2

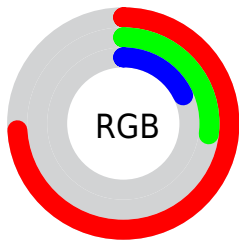
Format	Color
RYB	189, 72, 45
Decimal	12403757
CIELab	45.83, 47.49, 39.17
CIElCh	46, 61.560, 39.521
Yxy	15.1459, 0.5493, 0.3534
Android (android.graphics.Color)	4290593837 (0xFFBD442D)
YUV	101.5570, -27.8826, 76.6875
Hunter-Lab	38.9178, 39.8756, 20.8838

Details

The YIQ color **101.5570, 79.4990, 18.4990** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.4430, -79.4990, -18.4990**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.5640, 86.7890, 18.5410**, and **40.6200, 75.1880, 25.0440** is the 20% darker color. If you saturate the color by 10%, you get **89.9990, 89.9980, 20.9580**, and if you desaturate by 10%, it is **113.1150, 69.0000, 16.0400**.

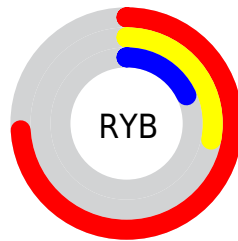
Distribution



Red (74%)

Green (27%)

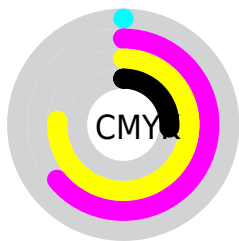
Blue (18%)



Red (74%)

Yellow (28%)

Blue (18%)

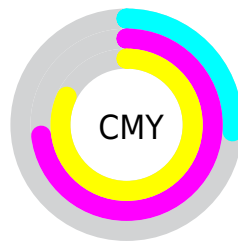


Cyan (0%)

Magenta (64%)

Yellow (76%)

Black (26%)



Cyan (26%)


Magenta (73%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.5570, 79.4990, 18.4990 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 101.5570, 79.4990, 18.4990 by changing the saturation by 10% instead.


 101.5570, 79.4990,
18.4990


 101.5570, 79.4990,
18.4990


255.0000, -0.0000,
-0.0000


 73.3440, 75.7850,
19.7290


 156.5640, 86.7890,
18.5410


 40.0330, 75.4630,
25.5670


 177.0460, 73.4480,
12.5200


 29.6010, 59.0040,
20.9880

 195.8590, 57.6770,
6.4850

 20.6310, 41.1240,
14.6280

 215.9600, 41.0350,
-0.2850

 12.6720, 24.7110,
9.2150

 235.4740, 24.6680,
-6.5320

 0.0000, 0.0000,
0.0000

 251.6940, 9.3090,

-9.0190

254.8860, 0.3210,
-0.3110

■ 101.5570, 79.4990,
18.4990

■ 101.5570, 79.4990,
18.4990

■ 89.9990, 89.9980,
20.9580

■ 113.1150, 69.0000,
16.0400

■ 78.4410, 100.4970,
23.4170

■ 124.6730, 58.5010,
13.5810

■ 74.1210, 104.3940,
24.3780

■ 136.2310, 48.0020,
11.1220

■ 147.7890, 37.5030,
8.6630

■ 158.7600, 27.2790,
6.7270

■ 170.3180, 16.7800,
4.2680

■ 181.7620, 6.6020,
1.4980

■ 193.3200, -3.8970,
-0.9610

■ 204.8780,
-14.3960, -3.4200

Harmonies

Analogous

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



98.9800, 74.9550, 45.7950



101.5570, 79.4990, 18.4990



102.1320, 69.1890, -14.9310

Triad

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



101.5570, 79.4990, 18.4990



83.7030, -57.9450, -45.6970



88.6240, -97.9810, 8.0910

Complementary

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



101.5570, 79.4990, 18.4990



132.4430, -79.4990, -18.4990

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.



96.1580, -99.9050, -1.0970



101.5570, 79.4990, 18.4990



91.6200, -76.1040, -30.4720

Square

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



101.5570, 79.4990, 18.4990



90.9110, -3.1090, -48.3010



96.0320, -91.2830, -14.1870



111.4850, -7.1140, 40.8380

Rectangle

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



101.5570, 79.4990, 18.4990



101.6900, 49.5220, -27.4540



96.0320, -91.2830, -14.1870



91.6730, -99.6770, 5.7870

Sweetspot

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



101.5570, 79.4990, 18.4990



210.3260, 31.4970, 7.3770



101.9640, 46.6620, 68.4700



101.6880, 18.6140, 4.0700



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



101.5570, 79.4990, 18.4990



109.2220, 123.2830, 28.9710



143.2340, 59.9740, -18.6340



88.2780, 5.0890, 1.3850



61.9170, 87.2930, 20.4210



12.2040, 17.1010, 3.9570

Inverse Universe

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



132.4430, -79.4990, -18.4990



157.1910, -123.0080, -28.4480



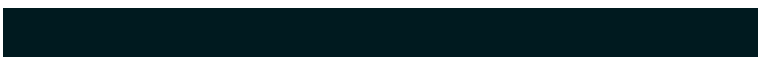
90.7660, -59.9740, 18.6340



90.7220, -5.0890, -1.3850



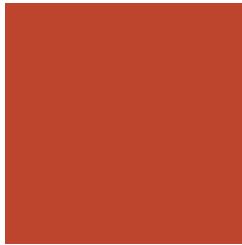
96.0830, -87.2930, -20.4210



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 101.5570, 79.4990, 18.4990 looks on a white background.

Color Contrast Check

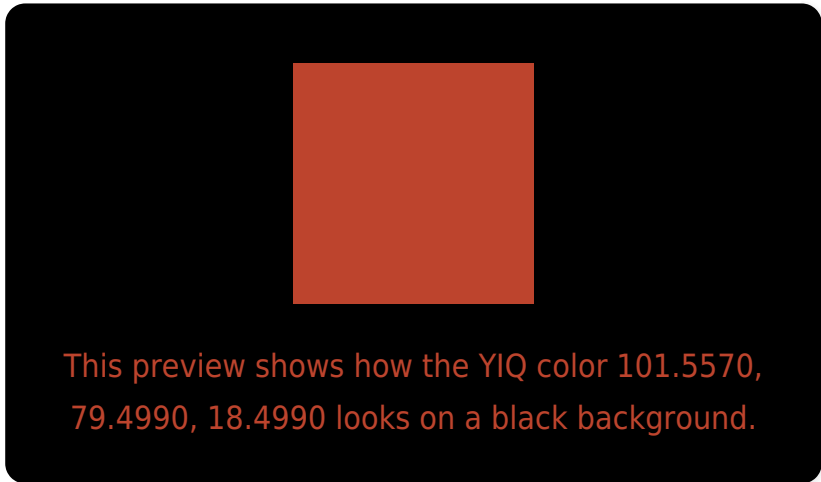
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.5570, 79.4990, 18.4990

Background



This preview shows how black text looks on a background with the YIQ color 101.5570, 79.4990, 18.4990.



This preview shows how white text looks on a background with the YIQ color 101.5570, 79.4990,

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

101.5570, 79.4990, 18.4990

Protanopia

106.4750, 22.9270, -13.5290

Deuteranopia

106.1150, 41.4960, -14.1520



Tritanopia

102.8310, 73.2160, 27.7440

Trichromacy



Original Color

101.5570, 79.4990, 18.4990

Protanomaly

104.5750, 43.5570, -1.9390

Deuteranomaly

104.5070, 55.4320, -2.3920

Tritanomaly

102.3920, 75.8300, 24.4220

Monochromacy



Original Color

101.5570, 79.4990, 18.4990

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1300, 29.1130, 6.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.5570, 79.4990, 18.4990 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(189, 68, 45)` looks like.

```
.text, #text, p{  
    color:rgb(189, 68, 45)  
}
```

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(189, 68, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 68, 45) }
```

Border

The CSS property to change the border of an element to YIQ 101.5570, 79.4990, 18.4990 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(189, 68, 45) }
```


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

```
.border{ border-color:rgb(189, 68, 45) }
```

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

Here you see how a box with a 4 pixel rgb(189, 68, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 68, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 68, 45);  
box-shadow:4px 4px 4px 4px rgb(189, 68,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 101.5570, 79.4990, 18.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 68, 45) }
```

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

```
.background{ background-color: rgb(189, 68,  
45) }
```

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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