

Converting Colors

YIQ(96.0190, 51.7150, 15.4190)

Have a look what the booklet for
YIQ(96.0190, 51.7150, 15.4190)
contains.

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Color

**YIQ(96.0190, 51.7150,
15.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4841
RGB	155, 72, 65
RGB Percent	61%, 28%, 25%
CMY	0.3920, 0.7178, 0.7449
CMYK	0.00, 0.54, 0.58, 0.39
HSL	5°, 41%, 43%
HSV	5°, 58%, 61%
XYZ	16.7978, 11.9859, 6.4374
YIQ	96.0190, 51.7150, 15.4190

Conversions

Conversions Part 2

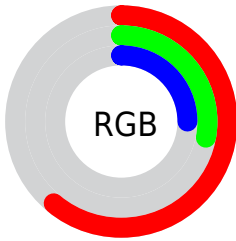
Format	Color
R_{YB}	155, 73, 65
Decimal	10176577
CIE Lab	41.19, 34.07, 20.70
CIE LCh	41, 39.861, 31.280
Yxy	11.9859, 0.4769, 0.3403
Android (android.graphics.Color)	4288366657 (0xFF9B4841)
YUV	96.0190, -15.2924, 51.7263
Hunter-Lab	34.6207, 26.0212, 13.2101

Details

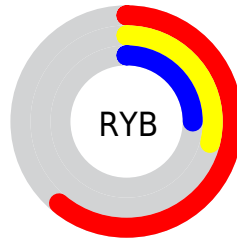
The YIQ color **96.0190, 51.7150, 15.4190** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **123.9810, -51.7150, -15.4190**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7700, 56.8500, 15.9700**, and **45.0230, 45.8920, 16.3240** is the 20% darker color. If you saturate the color by 10%, you get **86.0910, 60.3800, 18.0760**, and if you desaturate by 10%, it is **106.0610, 42.7290, 13.0730**.

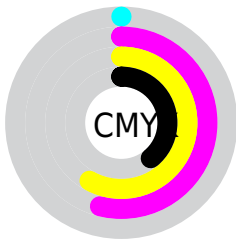
Distribution



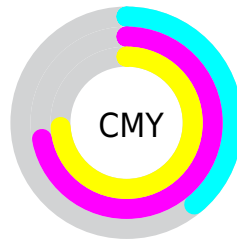
- Red (61%)
- Green (28%)
- Blue (25%)



- Red (61%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.0190, 51.7150, 15.4190 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 96.0190, 51.7150, 15.4190 by changing the saturation by 10% instead.

■ 96.0190, 51.7150,
15.4190

■ 96.0190, 51.7150,
15.4190

■ 255.0000, -0.0000,
-0.0000

■ 70.4640, 48.9640,
15.7160

■ 148.7700, 56.8500,
15.9700

■ 45.0230, 45.8920,
16.3240

■ 175.8520, 59.5550,
16.5070

■ 21.5280, 42.9120,
15.2640

■ 198.3670, 50.6150,
13.3270

■ 14.4660, 28.2870,
10.4870

■ 217.8810, 34.2480,
7.0800

■ 0.0000, 0.0000,
0.0000

■ 238.0960, 17.2850,
0.6210

■ 254.2020, 2.2470,

-2.1770

■ 96.0190, 51.7150,
15.4190

■ 96.0190, 51.7150,
15.4190

■ 86.0910, 60.3800,
18.0760

■ 106.0610, 42.7290,
13.0730

■ 75.4620, 69.6410,
20.9450

■ 116.5760, 33.7890,
9.8930

■ 65.5340, 78.3060,
23.6020

■ 126.6180, 24.8030,
7.5470

■ 55.4920, 87.2920,
25.9480

■ 136.5460, 16.1380,
4.8900

■ 53.3890, 89.0800,
26.5840

■ 147.1750, 6.8770,
2.0210

■ 157.1030, -1.7880,
-0.6360

■ 167.1450,
-10.7740, -2.9820

■ 177.0730,
-19.4390, -5.6390

■ 187.7020,
-28.7000, -8.5080

Harmonies

Analogous

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



97.6180, 43.1390, 27.6750



96.0190, 51.7150, 15.4190



95.6140, 47.8210, -2.1230

Triad

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



96.0190, 51.7150, 15.4190



82.3200, -31.4010, -31.1530



84.1590, -66.1150, 3.2690

Complementary

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



96.0190, 51.7150, 15.4190



123.9810, -51.7150, -15.4190

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.



81.5390, -79.4090, -9.1130



96.0190, 51.7150, 15.4190



77.5030, -62.5330, -28.6210

Square

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



96.0190, 51.7150, 15.4190



90.1860, 7.2030, -25.9250



81.1510, -72.8050, -18.6690



98.9980, -13.7130, 22.7590

Rectangle

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



96.0190, 51.7150, 15.4190



94.0870, 38.6990, -13.0210



81.1510, -72.8050, -18.6690



79.5160, -80.6020, -4.0100

Sweetspot

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



96.0190, 51.7150, 15.4190



178.9270, 19.4390, 5.6390



101.4860, 26.6760, 45.2040



88.5670, 11.6450, 3.7170



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



96.0190, 51.7150, 15.4190



108.6160, 81.0110, 24.1390



121.8470, 39.6150, -7.5930



71.3920, 4.7680, 1.6960



48.3170, 80.4150, 23.9270



4.4740, 7.4730, 2.2330

Inverse Universe

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



123.9810, -51.7150, -15.4190



152.9710, -81.2860, -24.6620



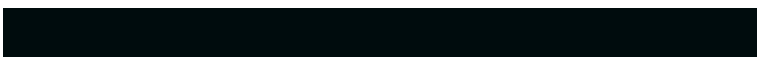
98.1530, -39.6150, 7.5930



74.0210, -4.4930, -1.1730



91.6830, -80.4150, -23.9270



8.5260, -7.4730, -2.2330

Previews

White Background



This preview shows how the YIQ color 96.0190, 51.7150, 15.4190 looks on a white background.

Color Contrast Check

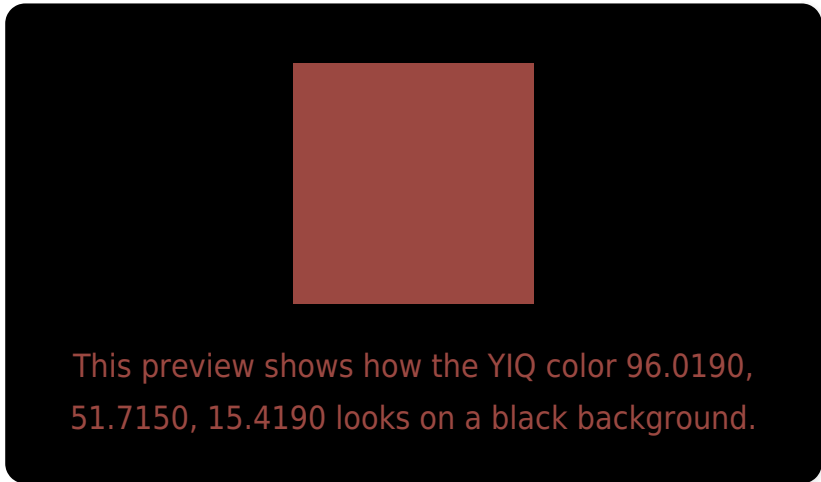
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.0190, 51.7150, 15.4190

Background



This preview shows how black text looks on a background with the YIQ color 96.0190, 51.7150, 15.4190.



This preview shows how white text looks on a background with the YIQ color 96.0190, 51.7150,

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

96.0190, 51.7150, 15.4190

Protanopia

97.2860, 10.6380, -5.5700

Deuteranopia

96.8270, 25.1720, -4.6520



Tritanopia

96.2840, 49.6510, 19.7870

Trichromacy



Original Color

96.0190, 51.7150, 15.4190

Protanomaly

97.2280, 25.7210, 1.9210

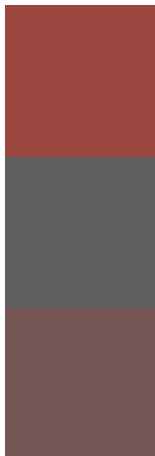
Deuteranomaly

96.1320, 34.7990, 2.5990

Tritanomaly

96.4150, 50.6600, 18.0200

Monochromacy



Original Color

96.0190, 51.7150, 15.4190

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.7420, 18.5220, 5.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.0190, 51.7150, 15.4190 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(155, 72, 65)` looks like.

```
.text, #text, p{  
    color:rgb(155, 72, 65)  
}
```

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(155, 72, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 72, 65) }
```

Border

The CSS property to change the border of an element to YIQ 96.0190, 51.7150, 15.4190 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(155, 72, 65) }
```


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

```
.border{ border-color:rgb(155, 72, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 72, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 72, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 72, 65);  
box-shadow:4px 4px 4px 4px rgb(155, 72,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 96.0190, 51.7150, 15.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 72, 65) }
```

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

```
.background{ background-color: rgb(155, 72,  
65) }
```

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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