

Converting Colors

YIQ(51.3170, 18.5210, 11.2650)

Have a look what the booklet for
YIQ(51.3170, 18.5210, 11.2650)
contains.

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Color

**YIQ(51.3170, 18.5210,
11.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2732
RGB	76, 39, 50
RGB Percent	30%, 15%, 20%
CMY	0.7019, 0.8471, 0.8039
CMYK	0.00, 0.49, 0.34, 0.70
HSL	342°, 32%, 23%
HSV	342°, 49%, 30%
XYZ	4.2835, 3.2179, 3.4148
YIQ	51.3170, 18.5210, 11.2650

Conversions

Conversions Part 2

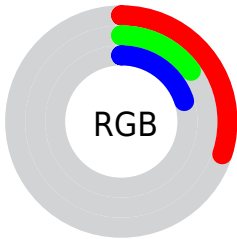
Format	Color
RYB	76, 39, 50
Decimal	4990770
CIELab	20.90, 18.90, 0.54
CIELCh	21, 18.905, 1.646
Yxy	3.2179, 0.3924, 0.2948
Android (android.graphics.Color)	4283180850 (0xFF4C2732)
YUV	51.3170, -0.6493, 21.6470
Hunter-Lab	17.9386, 11.2308, 1.2704

Details

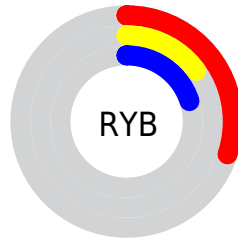
The YIQ color **51.3170, 18.5210, 11.2650** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.6830, -18.5210, -11.2650**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.5130, 20.9050, 12.1130**, and **10.5080, 19.3010, 8.1410** is the 20% darker color. If you saturate the color by 10%, you get **46.0510, 22.3260, 13.8940**, and if you desaturate by 10%, it is **56.5830, 14.7160, 8.6360**.

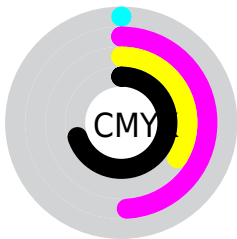
Distribution



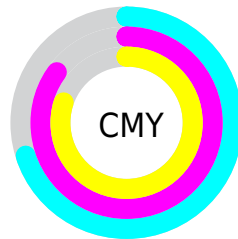
- Red (30%)
- Green (15%)
- Blue (20%)



- Red (30%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (70%)



- Cyan (70%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.3170, 18.5210, 11.2650 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 51.3170, 18.5210, 11.2650 by changing the saturation by 10% instead.

■ 51.3170, 18.5210,
11.2650

■ 51.3170, 18.5210,
11.2650

■ 255.0000, -0.0000,
-0.0000

■ 29.4200, 16.7330,
10.6290

■ 98.5130, 20.9050,
12.1130

■ 10.5080, 19.3010,
8.1410

■ 124.1110, 22.0970,
12.5370

■ 0.0000, 0.0000,
0.0000

■ 149.8230, 22.9680,
13.2720

■ 176.4210, 24.1600,
13.6960

■ 204.3070, 24.4810,
13.3850

■ 229.1430, 19.0710,

12.3110

249.1300, 2.7500,
5.2300

51.3170, 18.5210,
11.2650

51.3170, 18.5210,
11.2650

46.0510, 22.3260,
13.8940

56.5830, 14.7160,
8.6360

41.2580, 26.1770,
15.6890

61.3760, 10.8650,
6.8410

35.9920, 29.9820,
18.3180

66.6420, 7.0600,
4.2120

31.3130, 33.5120,
20.4240

71.3210, 3.5300,
2.1060

25.9330, 37.6380,
22.7420

76.7010, -0.5960,
-0.2120

■ 25.3460, 37.9130,
23.2650

■ 81.9670, -4.4010,
-2.8410

■ 86.6460, -7.9310,
-4.9470

■ 92.0260, -12.0570,
-7.2650

■ 96.7050, -15.5870,
-9.3710

Harmonies

Analogous

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



51.6950, 8.7090, 12.8770



51.3170, 18.5210, 11.2650



50.3080, 22.7400, 6.3880

Triad

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



51.3170, 18.5210, 11.2650



47.8180, 3.0280, -10.8280



40.7210, -38.8790, -5.7510

Complementary

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



51.3170, 18.5210, 11.2650



63.6830, -18.5210, -11.2650

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.



40.7550, -36.2190, -9.9070



51.3170, 18.5210, 11.2650



44.8640, -11.7810, -12.2690

Square

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



51.3170, 18.5210, 11.2650



49.2000, 13.7560, -7.0120



39.5720, -31.4500, -13.7380



47.5000, -21.7790, 3.7330

Rectangle

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



51.3170, 18.5210, 11.2650



50.0750, 21.7780, 1.7940



39.5720, -31.4500, -13.7380



41.0800, -38.5120, -6.8960

Sweetspot

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



51.3170, 18.5210, 11.2650



89.6420, 7.0600, 4.2120



50.9920, 3.6190, 17.0190



45.0330, 4.4010, 2.8410



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



51.3170, 18.5210, 11.2650



60.9810, 28.5150, 17.3710



54.1720, 20.1270, 4.1830



35.4240, 1.7420, 1.4700



33.9180, 51.1620, 30.9540



76.5220, 115.2520, 69.9080

Inverse Universe

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



51.3170, 18.5210, 11.2650



60.9810, 28.5150, 17.3710



60.8280, -20.1270, -4.1830



35.4240, 1.7420, 1.4700



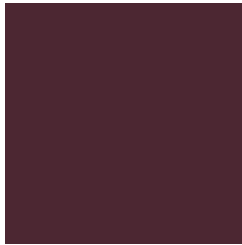
33.9180, 51.1620, 30.9540



76.5220, 115.2520, 69.9080

Previews

White Background



This preview shows how the YIQ color 51.3170, 18.5210, 11.2650 looks on a white background.

Color Contrast Check

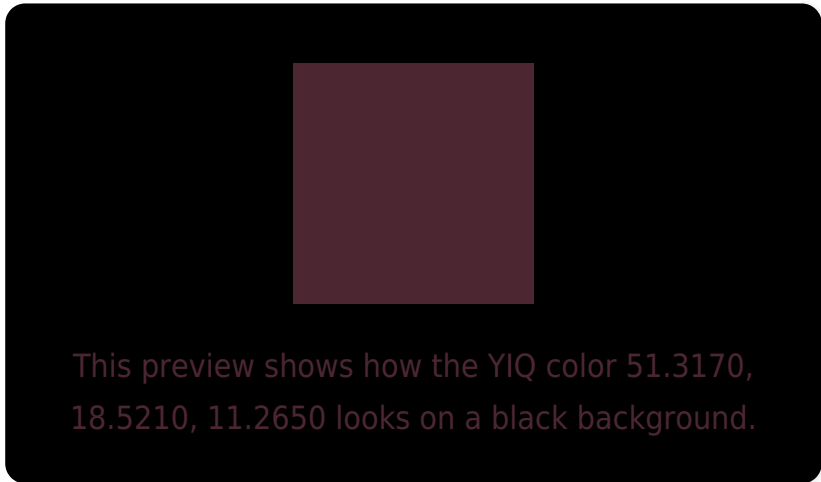
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

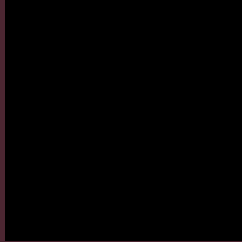
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.3170, 18.5210, 11.2650

Background



This preview shows how black text looks on a background with the YIQ color 51.3170, 18.5210, 11.2650.



This preview shows how white text looks on a background with the YIQ color 51.3170, 18.5210,

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

51.3170, 18.5210, 11.2650

Protanopia

50.7980, -2.2470, 2.1770

Deuteranopia

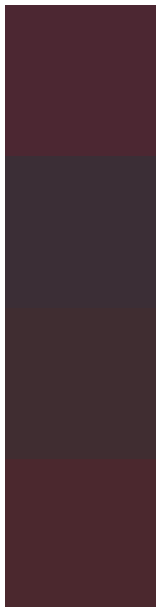
51.2780, 5.0890, 1.3850



Tritanopia

50.8070, 19.8970, 8.3530

Trichromacy



Original Color

51.3170, 18.5210, 11.2650

Protanomaly

50.7990, 5.1800, 5.2440

Deuteranomaly

51.1370, 10.0400, 5.2720

Tritanomaly

51.1490, 18.9340, 9.2860

Monochromacy



Original Color

51.3170, 18.5210, 11.2650

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.3430, 6.4640, 4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.3170, 18.5210, 11.2650 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(76, 39, 50)` looks like.

```
.text, #text, p{  
    color:rgb(76, 39, 50)  
}
```

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(76, 39, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 39, 50) }
```

Border

The CSS property to change the border of an element to YIQ 51.3170, 18.5210, 11.2650 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(76, 39, 50) }
```


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

```
.border{ border-color:rgb(76, 39, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 39, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 39, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 39, 50);  
box-shadow:4px 4px 4px 4px rgb(76, 39, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.3170, 18.5210, 11.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 39, 50) }
```

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

```
.background{ background-color: rgb(76, 39,  
50) }
```

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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