

Converting Colors

YIQ(115.0670, 59.7870, 1.2830)

Have a look what the booklet for
YIQ(115.0670, 59.7870, 1.2830)
contains.

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Color

**YIQ(115.0670, 59.7870,
1.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6233
RGB	173, 98, 51
RGB Percent	68%, 38%, 20%
CMY	0.3214, 0.6158, 0.7997
CMYK	0.00, 0.43, 0.70, 0.32
HSL	23°, 54%, 44%
HSV	23°, 70%, 68%
XYZ	22.2058, 17.8576, 5.4165
YIQ	115.0670, 59.7870, 1.2830

Conversions

Conversions Part 2

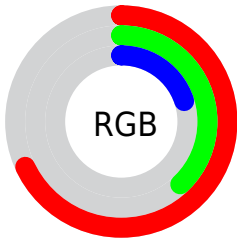
Format	Color
R_{YB}	173, 127, 51
Decimal	11362867
CIE _{Lab}	49.32, 26.38, 39.07
CIE _{LCh}	49, 47.145, 55.968
Yxy	17.8576, 0.4883, 0.3926
Android (android.graphics.Color)	4289552947 (0xFFAD6233)
YUV	115.0670, -31.5850, 50.8072
Hunter-Lab	42.2583, 19.8457, 21.9812

Details

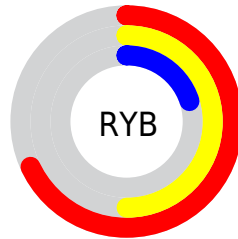
The YIQ color **115.0670, 59.7870, 1.2830** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **108.9330, -59.7870, -1.2830**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4160, 66.1140, 2.2580**, and **64.0770, 53.8270, -0.8370** is the 20% darker color. If you saturate the color by 10%, you get **106.6720, 68.2690, 1.7490**, and if you desaturate by 10%, it is **123.4620, 51.3050, 0.8170**.

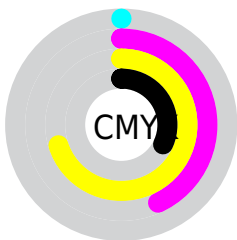
Distribution



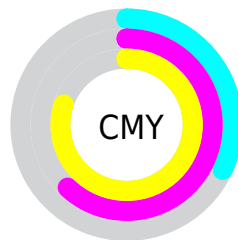
- Red (68%)
- Green (38%)
- Blue (20%)



- Red (68%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (32%)



- Cyan (32%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.0670, 59.7870, 1.2830 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 115.0670, 59.7870, 1.2830 by changing the saturation by 10% instead.

■ 115.0670, 59.7870,
1.2830

■ 115.0670, 59.7870,
1.2830

■ 255.0000, -0.0000,
-0.0000

■ 89.6860, 56.4860,
0.5340

■ 168.5300, 65.7930,
2.5690

■ 64.0770, 53.8270,
-0.8370

■ 193.8070, 63.4550,
0.8870

■ 42.1610, 45.0230,
4.5350

■ 213.2070, 47.4090,
-5.6710

■ 20.2880, 34.6600,
10.6280

■ 232.7210, 31.0420,
-11.9180

■ 11.1770, 21.7310,
8.1550

■ 249.4140, 15.7290,
-15.2390

■ 0.0000, 0.0000,
0.0000

■ 252.6060, 6.7410,

-6.5310

■ 115.0670, 59.7870,
1.2830

■ 115.0670, 59.7870,
1.2830

■ 106.6720, 68.2690,
1.7490

■ 123.4620, 51.3050,
0.8170

■ 98.7500, 76.7970,
1.3810

■ 131.3840, 42.7770,
1.1850

■ 91.0560, 84.6830,
1.6350

■ 139.7790, 34.2950,
0.7190

■ 148.1740, 25.8130,
0.2530

■ 156.0960, 17.2850,
0.6210

■ 164.4910, 8.8030,
0.1550

■ 172.8860, 0.3210,
-0.3110

■ 180.8080, -8.2070,
0.0570

■ 189.2030,
-16.6890, -0.4090

Harmonies

Analogous

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



115.5090, 62.2590, 22.5710



115.0670, 59.7870, 1.2830



112.6220, 44.2020, -19.1420

Triad

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



115.0670, 59.7870, 1.2830



92.3720, -72.7100, -36.9180



118.1200, -25.6800, 24.8800

Complementary

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



115.0670, 59.7870, 1.2830



108.9330, -59.7870, -1.2830

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.



94.6590, -97.0620, -3.0620



115.0670, 59.7870, 1.2830



97.0460, -85.8710, -24.1670

Square

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



115.0670, 59.7870, 1.2830



101.3000, -28.6490, -36.9770



98.3460, -95.0430, -12.1230



120.7250, 18.3330, 36.7090

Rectangle

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



115.0670, 59.7870, 1.2830



110.7720, 25.8640, -28.2160



98.3460, -95.0430, -12.1230



114.1500, -43.5600, 18.5200

Sweetspot

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



115.0670, 59.7870, 1.2830



201.6190, 23.0620, 0.5500



96.0280, 48.6370, 49.1890



98.8290, 13.6630, 0.1830



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



115.0670, 59.7870, 1.2830



133.6610, 93.1650, 2.1010



150.8740, 43.0120, -30.6200



82.4520, 4.5390, 0.3390



78.8960, 73.4500, 1.4660



12.1600, 11.2330, 0.1690

Inverse Universe

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



108.9330, -59.7870, -1.2830



124.3390, -93.1650, -2.1010



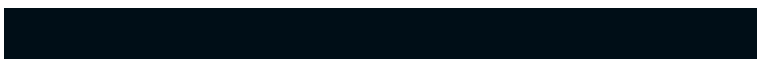
73.1260, -43.0120, 30.6200



81.9610, -4.2640, 0.1840



71.6910, -73.7250, -1.9890



10.8400, -11.2330, -0.1690

Previews

White Background



This preview shows how the YIQ color 115.0670, 59.7870, 1.2830 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 115.0670, 59.7870, 1.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

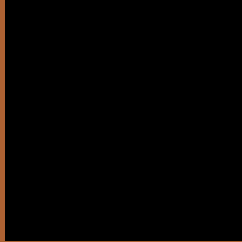
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.0670, 59.7870, 1.2830

Background



This preview shows how black text looks on a background with the YIQ color 115.0670, 59.7870, 1.2830.



This preview shows how white text looks on a background with the YIQ color 115.0670, 59.7870,

1.2830.

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

115.0670, 59.7870, 1.2830

Protanopia

114.6340, 26.7330, -16.4270

Deuteranopia

114.7560, 41.1290, -13.0070



Tritanopia

118.5010, 47.5420, 19.4620

Trichromacy



Original Color

115.0670, 59.7870, 1.2830

Protanomaly

115.0810, 38.8360, -9.9960

Deuteranomaly

114.9250, 48.1430, -7.9610

Tritanomaly

117.4380, 51.8530, 12.9170

Monochromacy



Original Color

115.0670, 59.7870, 1.2830

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1350, 21.5490, 0.4370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0670, 59.7870, 1.2830 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(173, 98, 51)` looks like.

```
.text, #text, p{  
    color:rgb(173, 98, 51)  
}
```

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(173, 98, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 98, 51) }
```

Border

The CSS property to change the border of an element to YIQ 115.0670, 59.7870, 1.2830 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(173, 98, 51) }
```


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

```
.border{ border-color:rgb(173, 98, 51) }
```

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

Here you see how a box with a 4 pixel rgb(173, 98, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 98, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 98, 51);  
box-shadow:4px 4px 4px 4px rgb(173, 98,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0670, 59.7870, 1.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 98, 51) }
```

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

```
.background{ background-color: rgb(173, 98,  
51) }
```

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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