

Converting Colors

YIQ(66.6370, 77.6590, 51.8590)

Have a look what the booklet for
YIQ(66.6370, 77.6590, 51.8590)
contains.

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Color

**YIQ(66.6370, 77.6590,
51.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0C45
RGB	173, 12, 69
RGB Percent	68%, 5%, 27%
CMY	0.3212, 0.9531, 0.7291
CMYK	0.00, 0.93, 0.60, 0.32
HSL	339°, 87%, 36%
HSV	339°, 93%, 68%
XYZ	18.4641, 9.5882, 6.5187
YIQ	66.6370, 77.6590, 51.8590

Conversions

Conversions Part 2

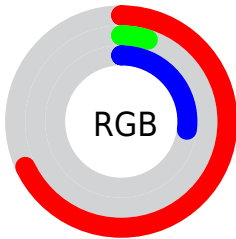
Format	Color
RYB	173, 12, 69
Decimal	11340869
CIELab	37.09, 60.73, 13.30
CIELCh	37, 62.169, 12.352
Yxy	9.5882, 0.5341, 0.2773
Android (android.graphics.Color)	4289530949 (0xFFAD0C45)
YUV	66.6370, 1.1650, 93.2804
Hunter-Lab	30.9649, 52.2497, 9.1937

Details

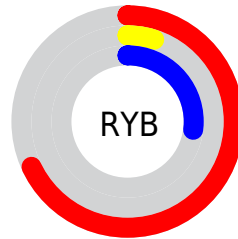
The YIQ color **66.6370, 77.6590, 51.8590** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118.3630, -77.6590, -51.8590**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.0250, 79.0820, 42.5860**, and **36.8650, 58.6810, 32.3530** is the 20% darker color. If you saturate the color by 10%, you get **58.6810, 83.5270, 55.6470**, and if you desaturate by 10%, it is **77.8700, 69.4530, 46.3890**.

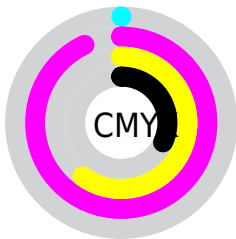
Distribution



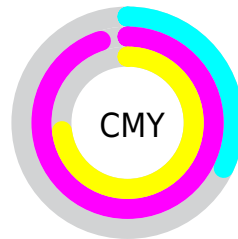
- Red (68%)
- Green (5%)
- Blue (27%)



- Red (68%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (60%)
- Black (32%)





- Cyan (32%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 66.6370, 77.6590, 51.8590 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 66.6370, 77.6590, 51.8590 by changing the saturation by 10% instead.


 66.6370, 77.6590,
51.8590

 66.6370, 77.6590,
51.8590


255.0000, -0.0000,
-0.0000


 48.1150, 70.1410,
44.9330


 132.0250, 79.0820,
42.5860


 36.8650, 58.6810,
32.3530


 157.5900, 75.8730,
40.1690


 25.1160, 50.0640,
17.8080

 177.6910, 59.2310,
33.3990

 16.9720, 32.7340,
12.4940

 197.2050, 42.8640,
27.1520

 3.8870, 7.7480,
2.7560

 217.4200, 25.9010,
20.6930

 0.0000, 0.0000,
0.0000

 237.6350, 8.9380,

14.2340

■ 66.6370, 77.6590,
51.8590

■ 66.6370, 77.6590,
51.8590

■ 58.6810, 83.5270,
55.6470

■ 77.8700, 69.4530,
46.3890

■ 89.6900, 60.9720,
40.3960

■ 101.0370, 52.4450,
35.2370

■ 112.2700, 44.2390,
29.7670

■ 124.0900, 35.7580,
23.7740

■ 135.3230, 27.5520,
18.3040

■ 146.5560, 19.3460,
12.8340

■ 157.7890, 11.1400,
7.3640

■ 169.7230, 2.3380,
1.6820

Harmonies

Analogous

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



77.8420, 49.4610, 56.2850



66.6370, 77.6590, 51.8590



77.4210, 76.8860, 16.2940

Triad

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



66.6370, 77.6590, 51.8590



65.8540, -16.1300, -49.1060



80.2630, -86.8390, 4.4010

Complementary

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



66.6370, 77.6590, 51.8590



118.3630, -77.6590, -51.8590

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.



80.3650, -78.8590, -8.0670



66.6370, 77.6590, 51.8590



69.0790, -47.0800, -38.8560

Square

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



66.6370, 77.6590, 51.8590



80.3160, 27.1480, -29.4600



75.5940, -64.0470, -23.2070



72.3870, -83.9520, 12.6560

Rectangle

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



66.6370, 77.6590, 51.8590



81.2000, 66.4820, -4.4140



75.5940, -64.0470, -23.2070



81.2260, -85.4170, 0.6550

Sweetspot

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



66.6370, 77.6590, 51.8590



183.0460, 29.8900, 19.9860



60.8520, 9.1110, 71.6950



86.9580, 18.1540, 12.4100



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.



66.6370, 77.6590, 51.8590



76.0960, 107.8240, 72.3680



72.4660, 90.1810, 23.1490



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Inverse Universe

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



66.6370, 77.6590, 51.8590



76.0960, 107.8240, 72.3680



112.5340, -90.1810, -23.1490



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 66.6370, 77.6590, 51.8590 looks on a white background.

Color Contrast Check

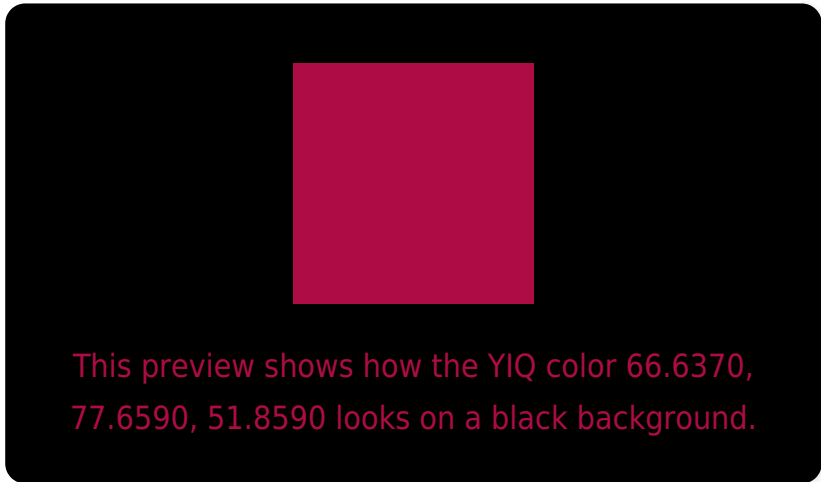
Large Text (above 18pt) WCAG AA ✓ Pass

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

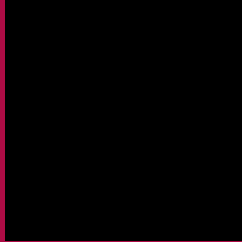
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.6370, 77.6590, 51.8590

Background



This preview shows how black text looks on a background with the YIQ color 66.6370, 77.6590, 51.8590.



This preview shows how white text looks on a background with the YIQ color 66.6370, 77.6590,

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

66.6370, 77.6590, 51.8590

Protanopia

89.9550, -4.1270, 3.2090

Deuteranopia

88.9560, 20.4950, -2.4890



Tritanopia

71.6430, 85.5490, 30.0050

Trichromacy



Original Color

66.6370, 77.6590, 51.8590

Protanomaly

81.5340, 25.5800, 21.0040

Deuteranomaly

80.6250, 41.2610, 17.6530

Tritanomaly

69.8310, 82.3840, 37.8080

Monochromacy



Original Color

66.6370, 77.6590, 51.8590

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0350, 28.4230, 19.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.6370, 77.6590, 51.8590 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, 12, 69)` looks like.

```
.text, #text, p{  
    color:rgb(173, 12, 69)  
}
```

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, 12, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 12, 69) }
```

Border

The CSS property to change the border of an element to YIQ 66.6370, 77.6590, 51.8590 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, 12, 69) }
```


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

```
.border{ border-color:rgb(173, 12, 69) }
```

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

Here you see how a box with a 4 pixel rgb(173, 12, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 12, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 12, 69);  
box-shadow:4px 4px 4px 4px rgb(173, 12,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 66.6370, 77.6590, 51.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 12, 69) }
```

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

```
.background{ background-color: rgb(173, 12,  
69) }
```

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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