

Converting Colors

YIQ(59.4230, 75.6860, 60.0860)

Have a look what the booklet for
YIQ(59.4230, 75.6860, 60.0860)
contains.

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Color

**YIQ(59.4230, 75.6860,
60.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	A9004E
RGB	169, 0, 78
RGB Percent	66%, 0%, 31%
CMY	0.3368, 0.9999, 0.6939
CMYK	0.00, 1.00, 0.54, 0.34
HSL	332°, 100%, 33%
HSV	332°, 100%, 66%
XYZ	17.7642, 8.9987, 8.0199
YIQ	59.4230, 75.6860, 60.0860

Conversions

Conversions Part 2

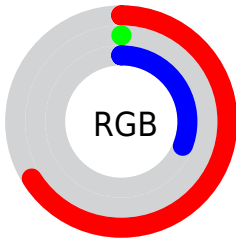
Format	Color
RYB	169, 0, 78
Decimal	11075662
CIELab	35.98, 61.81, 5.79
CIElCh	36, 62.084, 5.349
Yxy	8.9987, 0.5107, 0.2587
Android (android.graphics.Color)	4289265742 (0xFFA9004E)
YUV	59.4230, 9.1585, 96.0990
Hunter-Lab	29.9978, 53.2087, 5.1473

Details

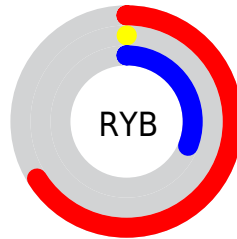
The YIQ color **59.4230, 75.6860, 60.0860** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **109.5770, -75.6860, -60.0860**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.6210, 74.5880, 46.9400**, and **36.7660, 54.6460, 33.8940** is the 20% darker color. If you saturate the color by 10%, you get **59.4230, 75.6860, 60.0860**, and if you desaturate by 10%, it is **70.4280, 68.1220, 53.9940**.

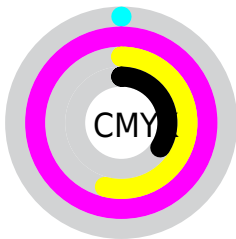
Distribution



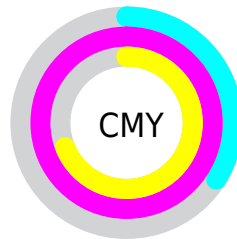
- Red (66%)
- Green (0%)
- Blue (31%)



- Red (66%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (34%)





- Cyan (34%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 59.4230, 75.6860, 60.0860 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 59.4230, 75.6860, 60.0860 by changing the saturation by 10% instead.


 59.4230, 75.6860,
60.0860


 59.4230, 75.6860,
60.0860


255.0000, -0.0000,
-0.0000


 47.9450, 64.8680,
46.8840


 129.6210, 74.5880,
46.9400


 36.7660, 54.6460,
33.8940


 157.0830, 73.1670,
45.1590


 25.5870, 44.4240,
20.9040

 176.4830, 57.1210,
38.6010

 16.0750, 30.9460,
11.8580

 196.6980, 40.1580,
32.1420

 1.1960, 2.3840,
0.8480

 216.3260, 23.4700,
26.2060

 0.0000, 0.0000,
0.0000

 236.2160, 8.8000,

16.7360

253.2390, 0.8250,
1.5690

59.4230, 75.6860,
60.0860

70.4280, 68.1220,
53.9940

81.4330, 60.5580,
47.9020

92.4380, 52.9940,
41.8100

103.4430, 45.4300,
35.7180

114.5620, 37.5450,
29.9370

■ 124.9800, 30.2560,
24.3680

■ 135.9850, 22.6920,
18.2760

■ 146.9900, 15.1280,
12.1840

■ 157.9950, 7.5640,
6.0920

Harmonies

Analogous

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



78.4000, 38.9620, 53.8260



59.4230, 75.6860, 60.0860



72.4030, 77.2970, 25.3690

Triad

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



59.4230, 75.6860, 60.0860



69.1980, -2.2390, -42.0390



79.3510, -84.2710, 1.9130

Complementary

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



59.4230, 75.6860, 60.0860



109.5770, -75.6860, -60.0860

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.



77.8230, -74.4570, -10.7530



59.4230, 75.6860, 60.0860



65.0210, -41.1650, -41.4290

Square

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



59.4230, 75.6860, 60.0860



79.1860, 33.5660, -24.6260



72.2370, -58.7280, -25.9920



73.3330, -83.8600, 10.9880

Rectangle

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



59.4230, 75.6860, 60.0860



77.1130, 71.3410, 1.1410



72.2370, -58.7280, -25.9920



79.4990, -81.9320, -1.9320

Sweetspot

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



59.4230, 75.6860, 60.0860



176.8550, 29.1100, 23.1100



46.1760, -0.6090, 71.6390



84.0120, 18.0620, 14.0780



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



59.4230, 75.6860, 60.0860



76.9950, 98.1030, 77.8390



54.0530, 99.0740, 32.6900



78.8480, 3.4840, 2.9400



52.0040, 66.3800, 52.5240



7.0060, 9.0310, 7.0390

Inverse Universe

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



59.4230, 75.6860, 60.0860



76.9950, 98.1030, 77.8390



114.9470, -99.0740, -32.6900



78.8480, 3.4840, 2.9400



52.0040, 66.3800, 52.5240



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 59.4230, 75.6860, 60.0860 looks on a white background.

Color Contrast Check

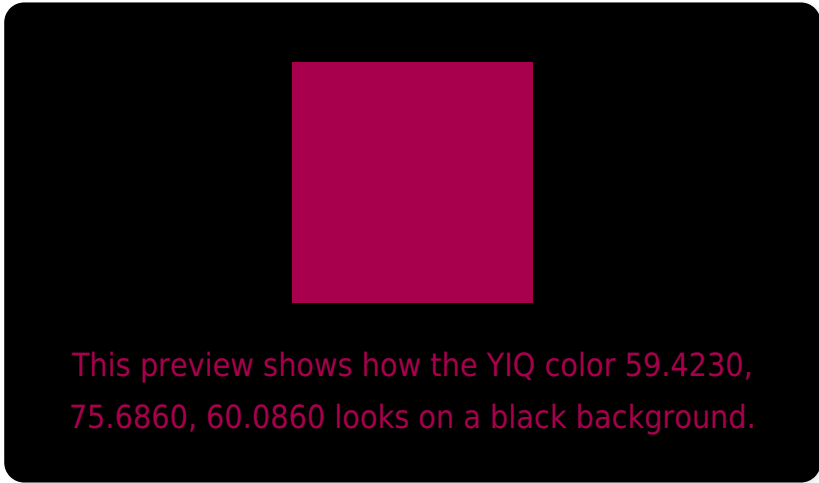
Large Text (above 18pt) WCAG AA ✓ Pass

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

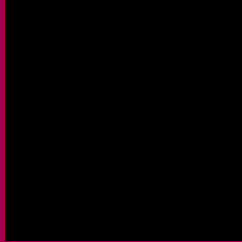
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.4230, 75.6860, 60.0860

Background



This preview shows how black text looks on a background with the YIQ color 59.4230, 75.6860, 60.0860.



This preview shows how white text looks on a background with the YIQ color 59.4230, 75.6860,

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

59.4230, 75.6860, 60.0860

Protanopia

88.1700, -11.9220, 6.8140

Deuteranopia

87.9000, 14.9010, -0.2270



Tritanopia

71.6640, 81.0560, 28.8320

Trichromacy



Original Color

59.4230, 75.6860, 60.0860

Protanomaly

77.4720, 20.1230, 26.2910

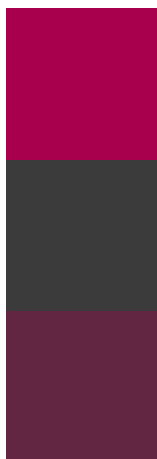
Deuteranomaly

77.2210, 36.7670, 22.0070

Tritanomaly

67.4440, 79.2200, 40.0840

Monochromacy



Original Color

59.4230, 75.6860, 60.0860

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.4310, 27.3680, 21.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4230, 75.6860, 60.0860 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(169, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(169, 0, 78)  
}
```

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(169, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 0, 78) }
```

Border

The CSS property to change the border of an element to YIQ 59.4230, 75.6860, 60.0860 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(169, 0, 78) }
```


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

```
.border{ border-color:rgb(169, 0, 78) }
```

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

Here you see how a box with a 4 pixel rgb(169, 0, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(169, 0, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.4230, 75.6860, 60.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 0, 78) }
```

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

```
.background{ background-color: rgb(169, 0,  
78) }
```

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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