

Converting Colors

YIQ(64.2900, 77.0180, 46.9540)

Have a look what the booklet for
YIQ(64.2900, 77.0180, 46.9540)
contains.

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Color

**YIQ(64.2900, 77.0180,
46.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	A70D3B
RGB	167, 13, 59
RGB Percent	65%, 5%, 23%
CMY	0.3447, 0.9492, 0.7684
CMYK	0.00, 0.92, 0.65, 0.34
HSL	342°, 86%, 35%
HSV	342°, 92%, 66%
XYZ	16.8919, 8.8291, 4.9609
YIQ	64.2900, 77.0180, 46.9540

Conversions

Conversions Part 2

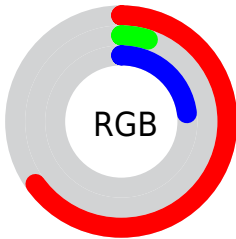
Format	Color
RYB	167, 13, 59
Decimal	10947899
CIELab	35.65, 58.47, 17.62
CIElCh	36, 61.070, 16.774
Yxy	8.8291, 0.5505, 0.2878
Android (android.graphics.Color)	4289137979 (0xFFA70D3B)
YUV	64.2900, -2.6080, 90.0767
Hunter-Lab	29.7139, 49.4756, 10.9009

Details

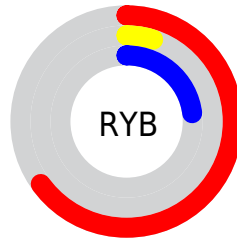
The YIQ color **64.2900, 77.0180, 46.9540** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **115.7100, -77.0180, -46.9540**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.3900, 79.3120, 38.4160**, and **34.0450, 57.9940, 28.2820** is the 20% darker color. If you saturate the color by 10%, you get **55.6330, 83.4820, 50.9540**, and if you desaturate by 10%, it is **75.6370, 68.4910, 41.7950**.

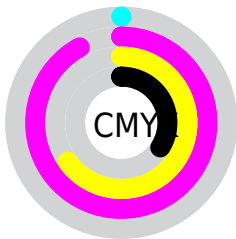
Distribution



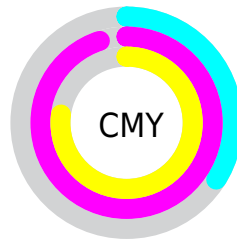
- Red (65%)
- Green (5%)
- Blue (23%)



- Red (65%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (92%)
- Yellow (65%)
- Black (34%)





- Cyan (34%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.2900, 77.0180, 46.9540 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 64.2900, 77.0180, 46.9540 by changing the saturation by 10% instead.


 64.2900, 77.0180,
46.9540

 64.2900, 77.0180,
46.9540


255.0000, -0.0000,
-0.0000


 45.2950, 69.4540,
40.8620


 128.3900, 79.3120,
38.4160


 34.0450, 57.9940,
28.2820

 155.7490, 79.6790,
37.2710


 23.4360, 46.1670,
16.8470

 175.1490, 63.6330,
30.7130

 15.1780, 29.1580,
11.2220

 194.6630, 47.2660,
24.4660

 0.0000, 0.0000,
0.0000

 214.7640, 30.6240,
17.6960

 235.0930, 13.3400,

11.5480

254.4130, 0.2750,
0.5230

■ 64.2900, 77.0180,
46.9540

■ 64.2900, 77.0180,
46.9540

■ 55.6330, 83.4820,
50.9540

■ 75.6370, 68.4910,
41.7950

■ 86.2830, 60.5600,
36.8480

■ 97.6300, 52.0330,
31.6890

■ 108.9770, 43.5060,
26.5300

■ 120.3240, 34.9790,
21.3710

■ 130.9700, 27.0480,
16.4240

■ 142.3170, 18.5210,
11.2650

■ 153.6640, 9.9940,
6.1060

■ 164.3100, 2.0630,
1.1590

Harmonies

Analogous

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



70.7070, 54.2750, 57.1470



64.2900, 77.0180, 46.9540



74.5360, 74.8240, 9.6080

Triad

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



64.2900, 77.0180, 46.9540



58.1130, -27.2250, -51.7770



76.8720, -84.1800, 5.7720

Complementary

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



64.2900, 77.0180, 46.9540



115.7100, -77.0180, -46.9540

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.



78.1310, -78.0800, -5.6640



64.2900, 77.0180, 46.9540



67.3010, -47.5850, -35.2090

Square

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



64.2900, 77.0180, 46.9540



76.1520, 21.7380, -30.5340



74.2890, -64.5060, -20.3940



67.9530, -79.7340, 13.3060

Rectangle

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



64.2900, 77.0180, 46.9540



78.2100, 60.5220, -6.5340



74.2890, -64.5060, -20.3940



77.9490, -83.0790, 2.3370

Sweetspot

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



64.2900, 77.0180, 46.9540



176.2910, 30.5780, 18.5300



62.8480, 14.9340, 70.7900



84.7300, 18.7960, 11.7880



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.



64.2900, 77.0180, 46.9540



72.2930, 108.4670, 66.2190



77.2430, 83.2590, 16.4350



78.6200, 4.1260, 2.3180



49.2680, 74.0840, 45.0600



6.6640, 9.9940, 6.1060

Inverse Universe

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



64.2900, 77.0180, 46.9540



72.2930, 108.4670, 66.2190



102.7570, -83.2590, -16.4350



78.6200, 4.1260, 2.3180



49.2680, 74.0840, 45.0600



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 64.2900, 77.0180, 46.9540 looks on a white background.

Color Contrast Check

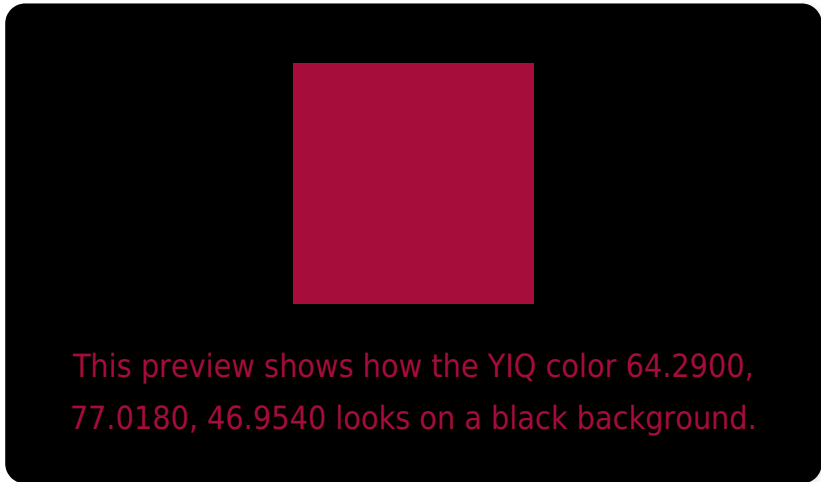
Large Text (above 18pt) WCAG AA ✓ Pass

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

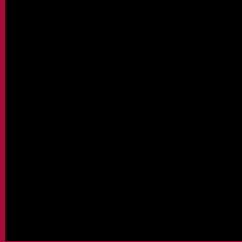
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.2900, 77.0180, 46.9540

Background



This preview shows how black text looks on a background with the YIQ color 64.2900, 77.0180, 46.9540.



This preview shows how white text looks on a background with the YIQ color 64.2900, 77.0180,

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

64.2900, 77.0180, 46.9540

Protanopia

86.2990, 0.5960, 0.2120

Deuteranopia

85.1580, 22.7420, -4.6660



Tritanopia

67.6320, 84.0820, 29.0580

Trichromacy



Original Color

64.2900, 77.0180, 46.9540

Protanomaly

77.9810, 28.5150, 17.3710

Deuteranomaly

77.7020, 42.3620, 14.2180

Tritanomaly

66.1790, 81.2840, 35.7160

Monochromacy



Original Color

64.2900, 77.0180, 46.9540

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.6820, 27.9190, 17.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.2900, 77.0180, 46.9540 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(167, 13, 59)` looks like.

```
.text, #text, p{  
    color:rgb(167, 13, 59)  
}
```

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(167, 13, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 13, 59) }
```

Border

The CSS property to change the border of an element to YIQ 64.2900, 77.0180, 46.9540 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(167, 13, 59) }
```


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

```
.border{ border-color:rgb(167, 13, 59) }
```

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

Here you see how a box with a 4 pixel rgb(167, 13, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 13, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 13, 59);  
box-shadow:4px 4px 4px 4px rgb(167, 13,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 64.2900, 77.0180, 46.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 13, 59) }
```

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

```
.background{ background-color: rgb(167, 13,  
59) }
```

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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