

Converting Colors

YIQ(61.6320, 76.0550, 47.8870)

Have a look what the booklet for
YIQ(61.6320, 76.0550, 47.8870)
contains.

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Color

**YIQ(61.6320, 76.0550,
47.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	A40A3B
RGB	164, 10, 59
RGB Percent	64%, 4%, 23%
CMY	0.3565, 0.9609, 0.7684
CMYK	0.00, 0.94, 0.64, 0.36
HSL	341°, 89%, 34%
HSV	341°, 94%, 64%
XYZ	16.2297, 8.4354, 4.9196
YIQ	61.6320, 76.0550, 47.8870

Conversions

Conversions Part 2

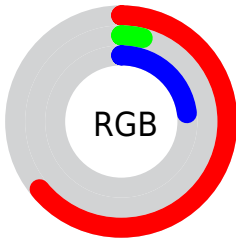
Format	Color
RYB	164, 10, 59
Decimal	10750523
CIELab	34.87, 58.11, 16.48
CIElCh	35, 60.400, 15.833
Yxy	8.4354, 0.5486, 0.2851
Android (android.graphics.Color)	4288940603 (0xFFA40A3B)
YUV	61.6320, -1.2976, 89.7767
Hunter-Lab	29.0438, 48.9195, 10.2878

Details

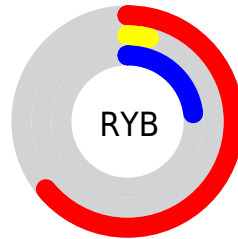
The YIQ color **61.6320, 76.0550, 47.8870** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.3680, -76.0550, -47.8870**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.3190, 78.0740, 38.8260**, and **33.1480, 56.2060, 27.6460** is the 20% darker color. If you saturate the color by 10%, you get **54.9640, 81.0520, 50.9400**, and if you desaturate by 10%, it is **72.2780, 68.1240, 42.9400**.

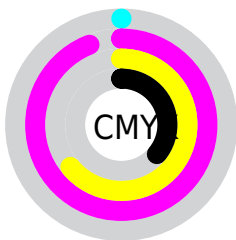
Distribution



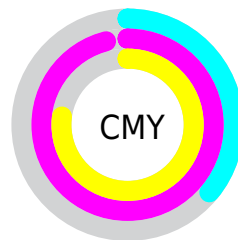
- Red (64%)
- Green (4%)
- Blue (23%)



- Red (64%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (94%)
- Yellow (64%)
- Black (36%)





- Cyan (36%)
- Magenta (96%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 61.6320, 76.0550, 47.8870 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 61.6320, 76.0550, 47.8870 by changing the saturation by 10% instead.

 61.6320, 76.0550,
47.8870


 61.6320, 76.0550,
47.8870


255.0000, -0.0000,
-0.0000


 44.3980, 67.6660,
40.2260


 126.3190, 78.0740,
38.8260


 33.4470, 56.8020,
27.8580

 154.5750, 80.2290,
38.3170


 22.8380, 44.9750,
16.4230

 173.9750, 64.1830,
31.7590

 14.2810, 27.3700,
10.5860

 193.4890, 47.8160,
25.5120

 0.0000, 0.0000,
0.0000

 213.5900, 31.1740,
18.7420

 233.9190, 13.8900,

12.5940

253.2390, 0.8250,
1.5690

■ 61.6320, 76.0550,
47.8870

■ 61.6320, 76.0550,
47.8870

■ 54.9640, 81.0520,
50.9400

■ 72.2780, 68.1240,
42.9400

■ 83.5110, 59.9180,
37.4700

■ 94.2710, 51.6660,
32.8340

■ 105.5040, 43.4600,
27.3640

■ 116.1500, 35.5290,
22.4170

■ 126.7960, 27.5980,
17.4700

■ 138.0290, 19.3920,
12.0000

■ 148.7890, 11.1400,
7.3640

■ 160.0220, 2.9340,
1.8940

Harmonies

Analogous

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



69.6960, 52.8080, 56.2000



61.6320, 76.0550, 47.8870



72.9920, 73.5400, 10.8520

Triad

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



61.6320, 76.0550, 47.8870



56.9390, -26.6750, -50.7310



75.2420, -82.3460, 5.5740

Complementary

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



61.6320, 76.0550, 47.8870



112.3680, -76.0550, -47.8870

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.



76.5010, -76.2460, -5.8620



61.6320, 76.0550, 47.8870



65.7850, -46.0720, -35.0960

Square

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



61.6320, 76.0550, 47.8870



74.6790, 21.6920, -29.7000



72.0720, -62.3970, -20.0690



67.0240, -78.4960, 12.8960

Rectangle

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



61.6320, 76.0550, 47.8870



76.7370, 60.4760, -5.7000



72.0720, -62.3970, -20.0690



76.4330, -81.5660, 2.4500

Sweetspot

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



61.6320, 76.0550, 47.8870



174.1060, 29.6610, 18.6290



58.3530, 11.9540, 69.7300



83.0180, 17.9250, 11.0530



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



61.6320, 76.0550, 47.8870



71.7380, 105.7160, 66.5160



71.3080, 84.6340, 19.0500



76.0330, 4.4010, 2.8410



48.5990, 71.6540, 45.0460



6.0660, 8.8020, 5.6820

Inverse Universe

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



61.6320, 76.0550, 47.8870



71.7380, 105.7160, 66.5160



102.6920, -84.6340, -19.0500



76.0330, 4.4010, 2.8410



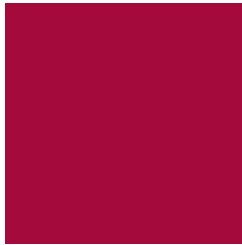
48.5990, 71.6540, 45.0460



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 61.6320, 76.0550, 47.8870 looks on a white background.

Color Contrast Check

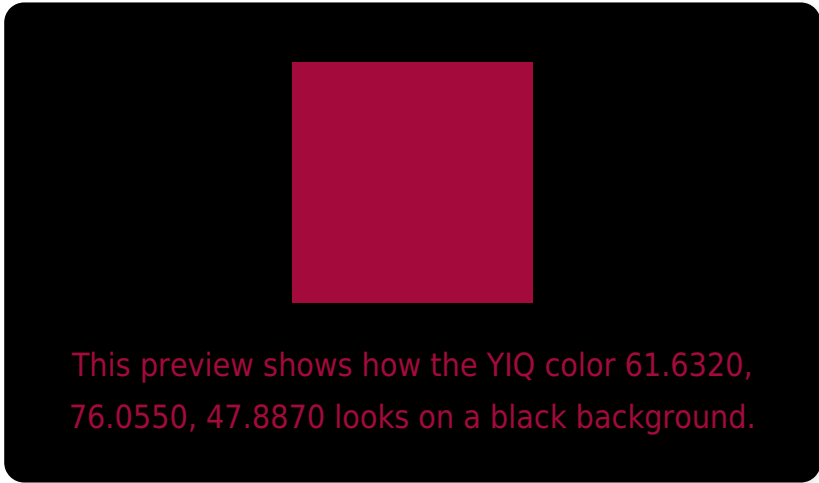
Large Text (above 18pt) WCAG AA ✓ Pass

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

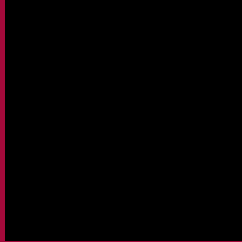
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.6320, 76.0550, 47.8870

Background



This preview shows how black text looks on a background with the YIQ color 61.6320, 76.0550, 47.8870.



This preview shows how white text looks on a background with the YIQ color 61.6320, 76.0550,

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

61.6320, 76.0550, 47.8870

Protanopia

84.5270, -0.0460, 0.8340

Deuteranopia

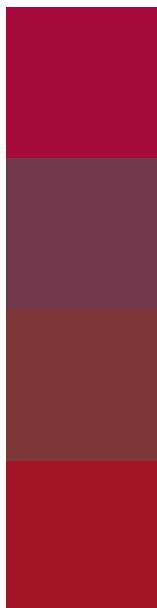
83.3860, 22.1000, -4.0440



Tritanopia

66.0340, 82.8900, 28.6340

Trichromacy



Original Color

61.6320, 76.0550, 47.8870

Protanomaly

76.2090, 27.8730, 17.9930

Deuteranomaly

75.9300, 41.7200, 14.8400

Tritanomaly

64.5810, 80.0920, 35.2920

Monochromacy



Original Color

61.6320, 76.0550, 47.8870

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7960, 27.5980, 17.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.6320, 76.0550, 47.8870 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(164, 10, 59)` looks like.

```
.text, #text, p{  
    color:rgb(164, 10, 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(164, 10, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 10, 59) }
```

Border

The CSS property to change the border of an element to YIQ 61.6320, 76.0550, 47.8870 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(164, 10, 59) }
```


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

```
.border{ border-color:rgb(164, 10, 59) }
```

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

Here you see how a box with a 4 pixel rgb(164, 10, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 10, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 10, 59);  
box-shadow:4px 4px 4px 4px rgb(164, 10,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 61.6320, 76.0550, 47.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 10, 59) }
```

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

```
.background{ background-color: rgb(164, 10,  
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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