

Converting Colors

YIQ(61.3630, 39.2430, 21.1870)

Have a look what the booklet for
YIQ(61.3630, 39.2430, 21.1870)
contains.

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Color

**YIQ(61.3630, 39.2430,
21.1870)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 702536 |
| RGB | 112, 37, 54 |
| RGB Percent | 44%, 15%, 21% |
| CMY | 0.5606, 0.8550, 0.7881 |
| CMYK | 0.00, 0.67, 0.52, 0.56 |
| HSL | 346°, 50%, 29% |
| HSV | 346°, 67%, 44% |
| XYZ | 8.0155, 5.0358, 4.0440 |
| YIQ | 61.3630, 39.2430, 21.1870 |

Conversions

Conversions Part 2

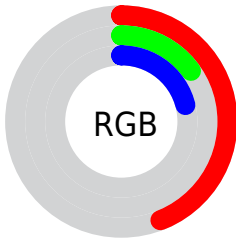
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 112, 37, 54 |
| Decimal | 7349558 |
| CIE _{Lab} | 26.84, 34.62, 7.13 |
| CIE _{LCh} | 27, 35.350, 11.631 |
| Yxy | 5.0358, 0.4689, 0.2946 |
| Android (android.graphics.Color) | 4285539638 (0xFF702536) |
| YUV | 61.3630, -3.6300, 44.4086 |
| Hunter-Lab | 22.4405, 24.4875, 5.0236 |

Details

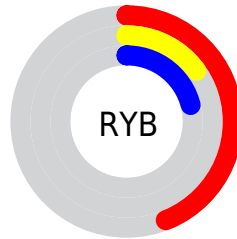
The YIQ color **61.3630, 39.2430, 21.1870** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.6370, -39.2430, -21.1870**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.8150, 43.7820, 21.5260**, and **18.9660, 32.8710, 15.5190** is the 20% darker color. If you saturate the color by 10%, you get **53.8800, 45.1570, 24.1410**, and if you desaturate by 10%, it is **68.8460, 33.3290, 18.2330**.

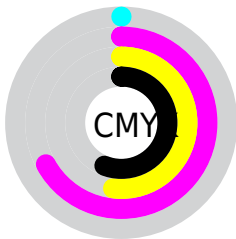
Distribution



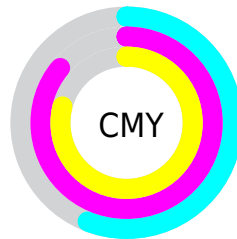
- Red (44%)
- Green (15%)
- Blue (21%)



- Red (44%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (52%)
- Black (56%)



- Cyan (56%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3630, 39.2430, 21.1870 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 61.3630, 39.2430, 21.1870 by changing the saturation by 10% instead.

■ 61.3630, 39.2430,
21.1870

■ 61.3630, 39.2430,
21.1870

■ 255.0000, -0.0000,
-0.0000

■ 35.0470, 37.3170,
23.0530

■ 111.9290, 43.4610,
21.8370

■ 19.0800, 32.5500,
15.8300

■ 138.5980, 45.8910,
21.8510

■ 10.5790, 20.5390,
7.7310

■ 165.4950, 47.6790,
22.4870

■ 0.0000, 0.0000,
0.0000

■ 193.0930, 48.8710,
22.9110

■ 212.9060, 33.1000,
16.8760

■ 232.6480, 16.0910,

11.2510

252.0650, 1.3750,
2.6150

61.3630, 39.2430,
21.1870

61.3630, 39.2430,
21.1870

53.8800, 45.1570,
24.1410

68.8460, 33.3290,
18.2330

46.5110, 50.7500,
27.4060

76.2150, 27.7360,
14.9680

38.4410, 56.9390,
30.8830

84.2850, 21.5470,
11.4910

36.3380, 58.7270,
31.5190

91.7680, 15.6330,
8.5370

99.1370, 10.0400,
5.2720

■ 106.6200, 4.1260,
2.3180

■ 114.1030, -1.7880,
-0.6360

■ 122.0590, -7.6560,
-4.4240

■ 129.5420,
-13.5700, -7.3780

Harmonies

Analogous

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



63.5110, 24.3870, 26.1070



61.3630, 39.2430, 21.1870



61.7140, 42.0880, 8.1680

Triad

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



61.3630, 39.2430, 21.1870



55.6070, -4.1680, -23.5920



54.7870, -56.4400, -1.3680

Complementary

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



61.3630, 39.2430, 21.1870



87.6370, -39.2430, -21.1870

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.



55.3110, -52.4040, -8.4360



61.3630, 39.2430, 21.1870



49.1550, -35.0700, -25.2300

Square

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



61.3630, 39.2430, 21.1870



58.4160, 21.4150, -19.1690



53.0480, -44.6540, -16.7340



57.7940, -39.9820, 8.7380

Rectangle

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



61.3630, 39.2430, 21.1870



61.1230, 39.0180, -2.2780



53.0480, -44.6540, -16.7340



55.5050, -55.7060, -3.6580

Sweetspot

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



61.3630, 39.2430, 21.1870



125.4690, 15.0370, 8.3250



62.8920, 10.4930, 35.6210



61.8380, 9.4440, 5.0600



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



61.3630, 39.2430, 21.1870



66.6480, 60.7900, 32.6780



71.1650, 39.2000, 5.4400



52.0220, 2.9340, 1.8940



38.9580, 62.8530, 33.8370



80.2370, 129.2360, 69.7800

Inverse Universe

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



61.3630, 39.2430, 21.1870



66.6480, 60.7900, 32.6780



77.8350, -39.2000, -5.4400



52.0220, 2.9340, 1.8940



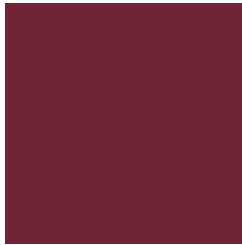
38.9580, 62.8530, 33.8370



80.2370, 129.2360, 69.7800

Previews

White Background



This preview shows how the YIQ color 61.3630, 39.2430, 21.1870 looks on a white background.

Color Contrast Check

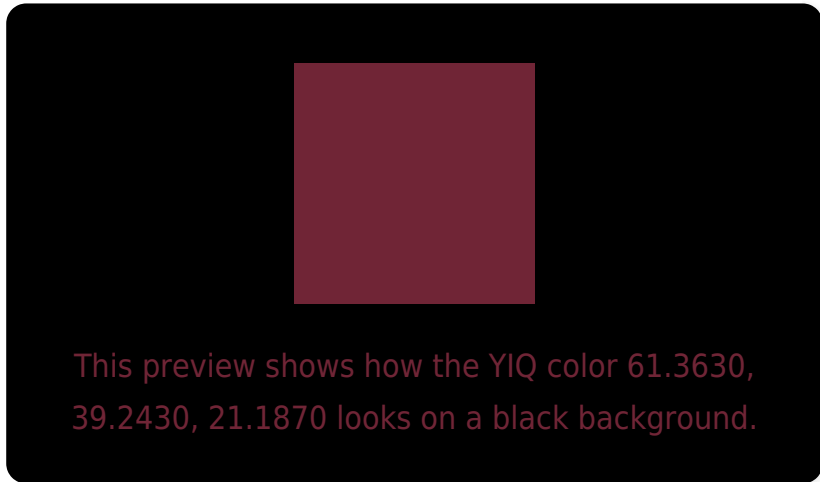
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.3630, 39.2430, 21.1870

Background



This preview shows how black text looks on a background with the YIQ color 61.3630, 39.2430, 21.1870.



This preview shows how white text looks on a background with the YIQ color 61.3630, 39.2430,

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

61.3630, 39.2430, 21.1870

Protanopia

64.7550, -0.6880, 1.4560

Deuteranopia

64.8180, 12.1960, -0.7640



Tritanopia

60.8700, 41.9490, 16.1970

Trichromacy



Original Color

61.3630, 39.2430, 21.1870

Protanomaly

63.3980, 13.7990, 8.7350

Deuteranomaly

63.5360, 22.0980, 7.0100

Tritanomaly

60.7390, 40.9400, 17.9640

Monochromacy



Original Color

61.3630, 39.2430, 21.1870

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.0560, 14.7620, 7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3630, 39.2430, 21.1870 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(112, 37, 54)` looks like.

```
.text, #text, p{  
    color:rgb(112, 37, 54)  
}
```

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(112, 37, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 37, 54) }
```

Border

The CSS property to change the border of an element to YIQ 61.3630, 39.2430, 21.1870 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(112, 37, 54) }
```


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

```
.border{ border-color:rgb(112, 37, 54) }
```

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

Here you see how a box with a 4 pixel rgb(112, 37, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 37, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 37, 54);  
box-shadow:4px 4px 4px 4px rgb(112, 37,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3630, 39.2430, 21.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 37, 54) }
```

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

```
.background{ background-color: rgb(112, 37,  
54) }
```

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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