

Converting Colors

YIQ(47.5130, 39.2410, 32.2410)

Have a look what the booklet for
YIQ(47.5130, 39.2410, 32.2410)
contains.

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Color

**YIQ(47.5130, 39.2410,
32.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	69103B
RGB	105, 16, 59
RGB Percent	41%, 6%, 23%
CMY	0.5880, 0.9374, 0.7685
CMYK	0.00, 0.85, 0.44, 0.59
HSL	331°, 74%, 24%
HSV	331°, 85%, 41%
XYZ	6.8078, 3.6925, 4.4958
YIQ	47.5130, 39.2410, 32.2410

Conversions

Conversions Part 2

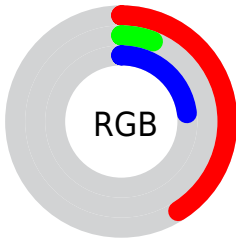
Format	Color
R_{YB}	105, 16, 59
Decimal	6885435
CIE _{Lab}	22.63, 41.15, -2.53
CIE _{LCh}	23, 41.226, 356.485
Yxy	3.6925, 0.4540, 0.2462
Android (android.graphics.Color)	4285075515 (0xFF69103B)
YUV	47.5130, 5.6631, 50.4161
Hunter-Lab	19.2159, 29.6111, -0.4206

Details

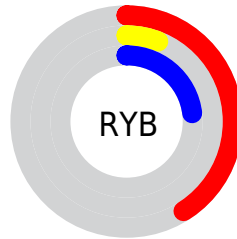
The YIQ color **47.5130, 39.2410, 32.2410** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.4870, -39.2410, -32.2410**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0140, 42.0840, 30.2760**, and **17.9700, 27.0480, 16.4240** is the 20% darker color. If you saturate the color by 10%, you get **40.4860, 43.8710, 36.4390**, and if you desaturate by 10%, it is **53.9530, 34.8860, 28.5660**.

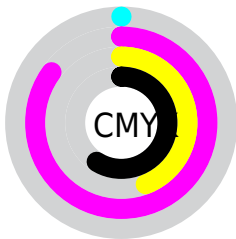
Distribution



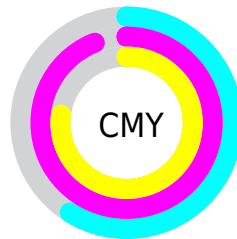
- Red (41%)
- Green (6%)
- Blue (23%)



- Red (41%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (85%)
- Yellow (44%)
- Black (59%)





- Cyan (59%)
- Magenta (94%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 47.5130, 39.2410, 32.2410 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 47.5130, 39.2410, 32.2410 by changing the saturation by 10% instead.


 47.5130, 39.2410,
32.2410


 47.5130, 39.2410,
32.2410


255.0000, -0.0000,
-0.0000


 27.8390, 35.2070,
28.2550

 101.0140, 42.0840,
30.2760


 17.9700, 27.0480,
16.4240

 127.4980, 43.5970,
30.3890

 6.2790, 12.5160,
4.4520

 154.3950, 45.3850,
31.0250

 0.0000, 0.0000,
0.0000

 182.2920, 47.1730,
31.6610

 203.7250, 35.5280,
27.9440

 223.3530, 18.8400,

22.0080

■ 242.0860, 6.0500,
11.5060

■ 47.5130, 39.2410,
32.2410

■ 47.5130, 39.2410,
32.2410

■ 40.4860, 43.8710,
36.4390

■ 53.9530, 34.8860,
28.5660

■ 37.2090, 46.2090,
38.1210

■ 61.0940, 29.9350,
24.6790

■ 67.5340, 25.5800,
21.0040

■ 74.6750, 20.6290,
17.1170

■ 81.7020, 15.9990,
12.9190

■ 88.2560, 11.3230,
9.5550

■ 95.2830, 6.6930,
5.3570

■ 101.7230, 2.3380,
1.6820

■ 108.8640, -2.6130,
-2.2050

Harmonies

Analogous

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



54.2420, 15.0790, 29.5990



47.5130, 39.2410, 32.2410



47.9140, 47.8170, 19.9850

Triad

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



47.5130, 39.2410, 32.2410



47.4790, 7.9360, -22.6880



50.1250, -51.5800, -1.3400

Complementary

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



47.5130, 39.2410, 32.2410



73.4870, -39.2410, -32.2410

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.



48.5630, -44.4260, -9.8500



47.5130, 39.2410, 32.2410



40.0930, -23.3320, -28.7080

Square

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



47.5130, 39.2410, 32.2410



51.1660, 28.2910, -11.6210



44.9150, -34.1540, -19.8020



47.8570, -53.4610, 5.2190

Rectangle

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



47.5130, 39.2410, 32.2410



49.5850, 46.7650, 6.0050



44.9150, -34.1540, -19.8020



49.9140, -49.6080, -4.0400

Sweetspot

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



47.5130, 39.2410, 32.2410



115.4030, 15.4030, 12.7070



39.6010, -1.7490, 37.2190



55.4190, 9.3060, 7.5620



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



47.5130, 39.2410, 32.2410



48.9000, 60.7410, 50.0930



42.6110, 53.0440, 18.8680



50.1360, 2.6130, 2.2050



41.4810, 51.4350, 42.5310



86.7070, 108.1420, 88.6380

Inverse Universe

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



47.5130, 39.2410, 32.2410



48.9000, 60.7410, 50.0930



78.3890, -53.0440, -18.8680



50.1360, 2.6130, 2.2050



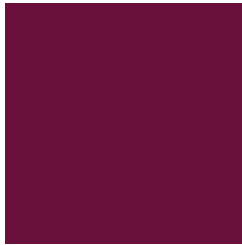
41.4810, 51.4350, 42.5310



86.7070, 108.1420, 88.6380

Previews

White Background



This preview shows how the YIQ color 47.5130, 39.2410, 32.2410 looks on a white background.

Color Contrast Check

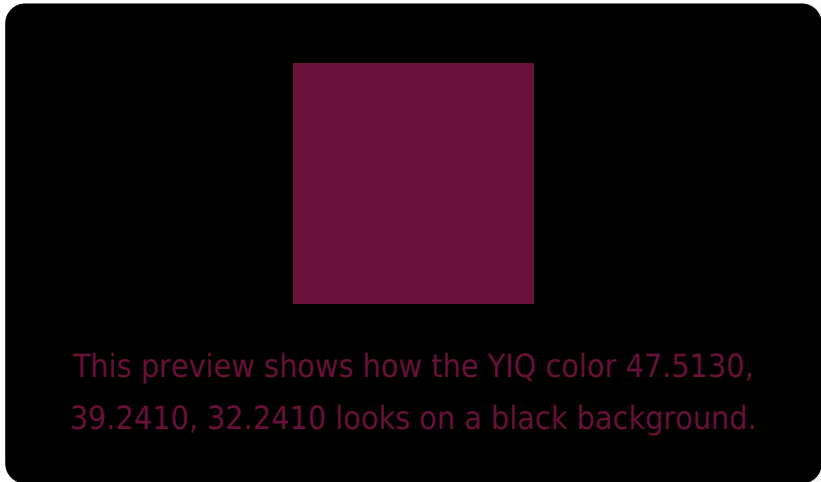
Large Text (above 18pt) WCAG AA ✓ Pass

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

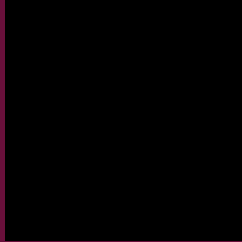
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.5130, 39.2410, 32.2410

Background



This preview shows how black text looks on a background with the YIQ color 47.5130, 39.2410, 32.2410.



This preview shows how white text looks on a background with the YIQ color 47.5130, 39.2410,

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

47.5130, 39.2410, 32.2410

Protanopia

55.9850, -12.8390, 6.9130

Deuteranopia

56.5060, 4.4470, 2.0070



Tritanopia

49.8380, 44.9750, 16.4230

Trichromacy



Original Color

47.5130, 39.2410, 32.2410

Protanomaly

53.1340, 6.0950, 16.1990

Deuteranomaly

53.1860, 17.5120, 13.0320

Tritanomaly

49.0430, 43.1400, 22.1480

Monochromacy



Original Color

47.5130, 39.2410, 32.2410

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.6910, 14.5320, 11.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.5130, 39.2410, 32.2410 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(105, 16, 59)` looks like.

```
.text, #text, p{  
    color:rgb(105, 16, 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(105, 16, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 16, 59) }
```

Border

The CSS property to change the border of an element to YIQ 47.5130, 39.2410, 32.2410 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(105, 16, 59) }
```


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

```
.border{ border-color:rgb(105, 16, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 16, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 16, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 16, 59);  
box-shadow:4px 4px 4px 4px rgb(105, 16,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 47.5130, 39.2410, 32.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 16, 59) }
```

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

```
.background{ background-color: rgb(105, 16,  
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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