

Converting Colors

YIQ(39.3530, 18.8400, 22.0080)

Have a look what the booklet for
YIQ(39.3530, 18.8400, 22.0080)
contains.

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Color

**YIQ(39.3530, 18.8400,
22.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	471438
RGB	71, 20, 56
RGB Percent	28%, 8%, 22%
CMY	0.7214, 0.9216, 0.7803
CMYK	0.00, 0.72, 0.21, 0.72
HSL	318°, 56%, 18%
HSV	318°, 72%, 28%
XYZ	3.5651, 2.1262, 3.9654
YIQ	39.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

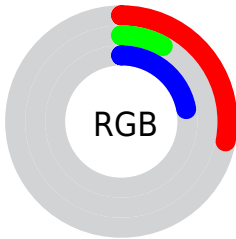
Format	Color
R_{YB}	71, 20, 56
Decimal	4658232
CIE _{Lab}	16.14, 28.85, -10.89
CIE _{LCh}	16, 30.840, 339.328
Yxy	2.1262, 0.3692, 0.2202
Android (android.graphics.Color)	4282848312 (0xFF471438)
YUV	39.3530, 8.2070, 27.7544
Hunter-Lab	14.5814, 18.1251, -5.9169

Details

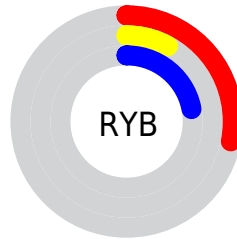
The YIQ color **39.3530, 18.8400, 22.0080** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **51.6470, -18.8400, -22.0080**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.2500, 20.6280, 22.6440**, and **7.8320, 9.5810, 8.0850** is the 20% darker color. If you saturate the color by 10%, you get **35.0160, 21.4070, 25.0470**, and if you desaturate by 10%, it is **43.6900, 16.2730, 18.9690**.

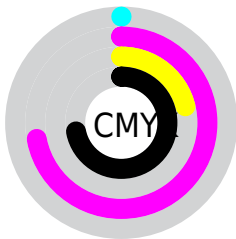
Distribution



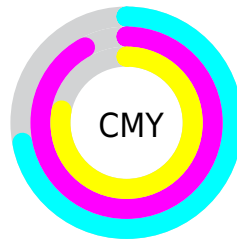
- Red (28%)
- Green (8%)
- Blue (22%)



- Red (28%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (72%)
- Yellow (21%)
- Black (72%)



- Cyan (72%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.3530, 18.8400, 22.0080 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 39.3530, 18.8400, 22.0080 by changing the saturation by 10% instead.

■ 39.3530, 18.8400,
22.0080

■ 39.3530, 18.8400,
22.0080

■ 254.4130, 0.2750,
0.5230

■ 18.0430, 16.7770,
20.8490

■ 87.2500, 20.6280,
22.6440

■ 7.8320, 9.5810,
8.0850

■ 112.2610, 22.0950,
23.5910

■ 0.0000, 0.0000,
0.0000

■ 137.9730, 22.9660,
24.3260


■ 164.6850, 23.8370,
25.0610


■ 191.9840, 24.4330,
25.2730


■ 218.9020, 21.7280,


24.7360


 237.3900, 8.2500,
15.6900


 39.3530, 18.8400,
22.0080


 39.3530, 18.8400,
22.0080


 35.0160, 21.4070,
25.0470


 43.6900, 16.2730,
18.9690


 30.6790, 23.9740,
28.0860

 48.0270, 13.7060,
15.9300

 26.9290, 26.2660,
30.6020

 52.3640, 11.1390,
12.8910

 56.7010, 8.5720,
9.8520

 61.0380, 6.0050,
6.8130

■ 66.0760, 2.8420,
3.5620

■ 70.4130, 0.2750,
0.5230

■ 74.7500, -2.2920,
-2.5160

■ 79.0870, -4.8590,
-5.5550

Harmonies

Analogous

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



41.2840, -3.0750, 17.1890



39.3530, 18.8400, 22.0080



36.8890, 31.7700, 18.9540

Triad

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



39.3530, 18.8400, 22.0080



37.5220, 15.5450, -11.9030



36.4010, -34.9820, -4.7900

Complementary

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



39.3530, 18.8400, 22.0080



51.6470, -18.8400, -22.0080

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.



34.7080, -28.8370, -11.5330



39.3530, 18.8400, 22.0080



33.2810, -0.1340, -19.6060

Square

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



39.3530, 18.8400, 22.0080



38.2080, 28.4730, -3.9030



31.4990, -21.1790, -18.1630



36.8230, -38.9260, 0.6100

Rectangle

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



39.3530, 18.8400, 22.0080



37.0430, 33.9720, 12.0840



31.4990, -21.1790, -18.1630



36.3040, -33.3310, -7.1790

Sweetspot

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



39.3530, 18.8400, 22.0080



79.5760, 7.4260, 8.5940



30.0000, -8.0270, 18.8290



38.5000, 4.5840, 5.0320



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



39.3530, 18.8400, 22.0080



43.0050, 29.1080, 34.1640



36.5030, 26.8650, 14.2330



33.5380, 1.4210, 1.7810



37.5810, 36.5340, 42.7580



86.1130, 83.9320, 97.8840

Inverse Universe

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



39.3530, 18.8400, 22.0080



43.0050, 29.1080, 34.1640



54.4970, -26.8650, -14.2330



33.5380, 1.4210, 1.7810



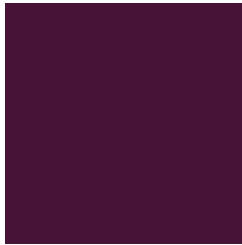
37.5810, 36.5340, 42.7580



86.1130, 83.9320, 97.8840

Previews

White Background



This preview shows how the YIQ color 39.3530, 18.8400, 22.0080 looks on a white background.

Color Contrast Check

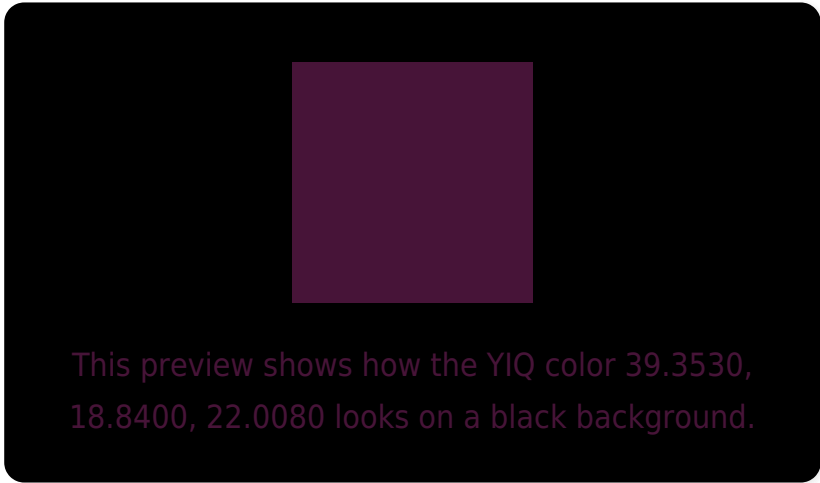
Large Text (above 18pt) WCAG AA ✓ Pass

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

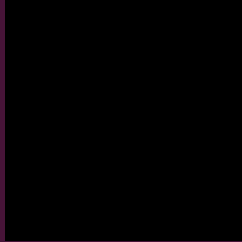
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.3530, 18.8400, 22.0080

Background



This preview shows how black text looks on a background with the YIQ color 39.3530, 18.8400, 22.0080.



This preview shows how white text looks on a background with the YIQ color 39.3530, 18.8400,

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

39.3530, 18.8400, 22.0080

Protanopia

40.3480, -18.2950, 6.6730

Deuteranopia

42.0690, -4.4480, 3.5200



Tritanopia

40.4870, 23.7940, 9.3140

Trichromacy



Original Color

39.3530, 18.8400, 22.0080

Protanomaly

39.7520, -4.6330, 12.3830

Deuteranomaly

40.7760, 3.9870, 10.3470

Tritanomaly

40.0510, 22.3260, 13.8940

Monochromacy



Original Color

39.3530, 18.8400, 22.0080

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.1630, 7.1510, 8.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.3530, 18.8400, 22.0080 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(71, 20, 56)` looks like.

```
.text, #text, p{  
    color:rgb(71, 20, 56)  
}
```

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(71, 20, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 20, 56) }
```

Border

The CSS property to change the border of an element to YIQ 39.3530, 18.8400, 22.0080 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(71, 20, 56) }
```


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

```
.border{ border-color:rgb(71, 20, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 20, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 20, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 20, 56);  
box-shadow:4px 4px 4px 4px rgb(71, 20, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.3530, 18.8400, 22.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 20, 56) }
```

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

```
.background{ background-color: rgb(71, 20,  
56) }
```

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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