

Converting Colors

YIQ(39.4400, -38.7450, 13.8550)

Have a look what the booklet for
YIQ(39.4400, -38.7450, 13.8550)
contains.

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Color

**YIQ(39.4400, -38.7450,
13.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	0B296A
RGB	11, 41, 106
RGB Percent	4%, 16%, 42%
CMY	0.9569, 0.8392, 0.5845
CMYK	0.90, 0.61, 0.00, 0.58
HSL	221°, 81%, 23%
HSV	221°, 90%, 42%
XYZ	3.5301, 2.6974, 13.9561
YIQ	39.4400, -38.7450, 13.8550

Conversions

Conversions Part 2

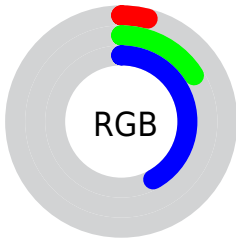
Format	Color
R_{YB}	11, 34, 106
Decimal	731498
CIE _{Lab}	18.79, 16.87, -40.86
CIE _{LCh}	19, 44.205, 292.435
Yxy	2.6974, 0.1749, 0.1336
Android (android.graphics.Color)	4278921578 (0xFF0B296A)
YUV	39.4400, 32.8141, -24.9419
Hunter-Lab	16.4237, 9.6252, -38.8852

Details

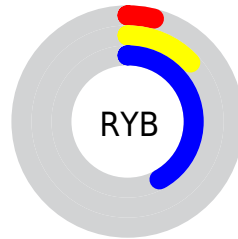
The YIQ color **39.4400, -38.7450, 13.8550** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77.5600, 38.7450, -13.8550**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.6200, -30.2640, 19.8480**, and **6.6120, -18.6180, 18.0380** is the 20% darker color. If you saturate the color by 10%, you get **32.0420, -43.3760, 15.1840**, and if you desaturate by 10%, it is **46.8380, -34.1140, 12.5260**.

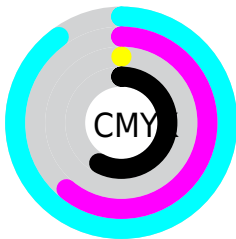
Distribution



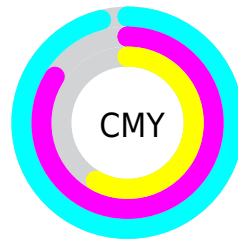
- Red (4%)
- Green (16%)
- Blue (42%)



- Red (4%)
- Yellow (13%)
- Blue (42%)



- Cyan (90%)
- Magenta (61%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.4400, -38.7450, 13.8550 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 39.4400, -38.7450, 13.8550 by changing the saturation by 10% instead.

■ 39.4400, -38.7450,
13.8550

■ 39.4400, -38.7450,
13.8550

■ 255.0000, -0.0000,
-0.0000

■ 21.5610, -31.7760,
14.2080

■ 90.6200, -30.2640,
19.8480

■ 6.6120, -18.6180,
18.0380

■ 115.8590,
-29.4390, 21.4170

■ 5.1640, -11.7850,
9.8390

■ 142.0980,
-28.6140, 22.9860

■ 1.1400, -3.2100,
3.1100

■ 168.7390,
-28.9810, 24.1310

■ 0.0000, 0.0000,
0.0000

■ 194.4420,
-23.8910, 19.9890

■ 219.5490,

-14.3070, 11.4930

■ 244.6560, -4.7230,
2.9970

■ 39.4400, -38.7450,
13.8550

■ 39.4400, -38.7450,
13.8550

■ 32.0420, -43.3760,
15.1840

■ 46.8380, -34.1140,
12.5260

■ 31.4550, -43.1010,
15.7070

■ 54.5240, -30.3540,
10.4620

■ 61.9220, -25.7230,
9.1330

■ 69.0210, -21.6880,
7.5920

■ 76.4190, -17.0570,
6.2630

■ 83.8170, -12.4260,
4.9340

■ 91.5030, -8.6660,
2.8700

■ 98.9010, -4.0350,
1.5410

■ 106.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



43.0640, -49.6100, 7.0140



39.4400, -38.7450, 13.8550



44.4420, 11.6400, 31.3520

Triad

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



39.4400, -38.7450, 13.8550



40.6880, 44.9770, 5.3690



38.1500, -27.5060, -19.1380

Complementary

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



39.4400, -38.7450, 13.8550



77.5600, 38.7450, -13.8550

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.



32.8720, -15.4000, -29.2880



39.4400, -38.7450, 13.8550



43.7900, 26.5940, -8.3980

Square

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



39.4400, -38.7450, 13.8550



32.3370, 51.3000, 28.4520



40.4020, 6.8350, -19.2530



42.4990, -38.3740, -9.3980

Rectangle

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



39.4400, -38.7450, 13.8550



36.2060, 33.0960, 38.9840



40.4020, 6.8350, -19.2530



36.8960, -23.9750, -22.5590

Sweetspot

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



39.4400, -38.7450, 13.8550



111.6750, -14.9020, 5.7540



74.1750, -46.9900, -29.4700



53.6170, -8.9870, 3.1810



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.



39.4400, -38.7450, 13.8550



41.5600, -56.3980, 19.9060



26.9130, -20.3630, 33.1490



49.8580, -2.4760, 0.8200



35.0570, -47.7320, 17.0360



73.1290, -99.8200, 35.9240

Inverse Universe

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



42.8250, 46.9900, 29.4700



46.2780, 68.1240, 42.9400



90.0870, 20.3630, -33.1490



50.0220, 2.9340, 1.8940



39.2010, 57.8550, 36.3110



82.0330, 121.3030, 75.8870

Previews

White Background



This preview shows how the YIQ color 39.4400, -38.7450, 13.8550 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



This preview shows how the YIQ color 39.4400, -38.7450, 13.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

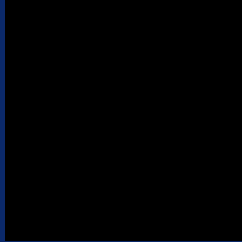
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.4400, -38.7450, 13.8550

Background



This preview shows how black text looks on a background with the YIQ color 39.4400, -38.7450, 13.8550.



This preview shows how white text looks on a background with the YIQ color 39.4400, -38.7450,

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

39.4400, -38.7450, 13.8550

Protanopia

37.1310, -42.5490, 5.6990

Deuteranopia

37.4100, -39.2010, 0.0870



Tritanopia

36.0930, -31.3590, -9.8790

Trichromacy



Original Color

39.4400, -38.7450, 13.8550

Protanomaly

38.1960, -41.1740, 8.3140

Deuteranomaly

37.8710, -38.8810, 5.3030

Tritanomaly

37.1070, -33.9740, -1.0300

Monochromacy



Original Color

39.4400, -38.7450, 13.8550

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.3330, -13.9390, 4.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.4400, -38.7450, 13.8550 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(11, 41, 106)` looks like.

```
.text, #text, p{  
    color:rgb(11, 41, 106)  
}
```

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(11, 41, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 41, 106) }
```

Border

The CSS property to change the border of an element to YIQ 39.4400, -38.7450, 13.8550 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(11, 41, 106) }
```


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

```
.border{ border-color:rgb(11, 41, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 41, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 41, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 41, 106);  
box-shadow:4px 4px 4px 4px rgb(11, 41,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 39.4400, -38.7450, 13.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 41, 106) }
```

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

```
.background{ background-color: rgb(11, 41,  
106) }
```

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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