

Converting Colors

YIQ(74.5330, 62.8520, 39.3640)

Have a look what the booklet for
YIQ(74.5330, 62.8520, 39.3640)
contains.

YIQ(74.5330, 62.8520, 39.3640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(74.5330, 62.8520,
39.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2048
RGB	159, 32, 72
RGB Percent	62%, 13%, 28%
CMY	0.3761, 0.8747, 0.7174
CMYK	0.00, 0.80, 0.55, 0.38
HSL	341°, 67%, 37%
HSV	341°, 80%, 62%
XYZ	16.0012, 8.8782, 7.0107
YIQ	74.5330, 62.8520, 39.3640

Conversions

Conversions Part 2

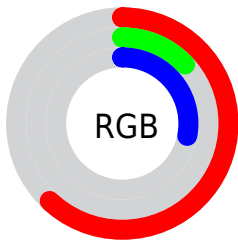
Format	Color
R_{YB}	159, 32, 72
Decimal	10428488
CIE Lab	35.75, 53.03, 9.06
CIE LCh	36, 53.798, 9.696
Yxy	8.8782, 0.5018, 0.2784
Android (android.graphics.Color)	4288618568 (0xFF9F2048)
YUV	74.5330, -1.2488, 74.0776
Hunter-Lab	29.7963, 43.7144, 6.9072

Details

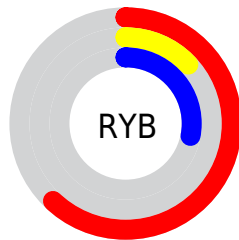
The YIQ color **74.5330, 62.8520, 39.3640** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **116.4670, -62.8520, -39.3640**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9910, 67.2540, 36.6780**, and **33.5050, 50.8870, 30.4310** is the 20% darker color. If you saturate the color by 10%, you get **63.8870, 70.7830, 44.3110**, and if you desaturate by 10%, it is **85.1790, 54.9210, 34.4170**.

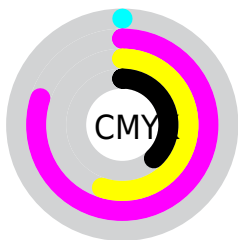
Distribution



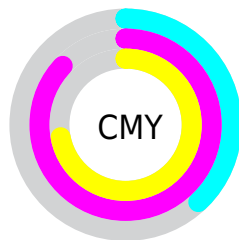
- Red (62%)
- Green (13%)
- Blue (28%)



- Red (62%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5330, 62.8520, 39.3640 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 74.5330, 62.8520, 39.3640 by changing the saturation by 10% instead.


 74.5330, 62.8520,
39.3640

 74.5330, 62.8520,
39.3640


255.0000, -0.0000,
-0.0000


 44.5700, 61.4300,
43.1100


 131.9910, 67.2540,
36.6780


 33.5050, 50.8870,
30.4310


 159.7740, 69.3630,
37.0030


 22.3540, 43.4620,
16.3100

 180.9680, 56.8930,
31.7170

 13.9820, 26.7740,
10.3740

 200.5960, 40.2050,
25.7810

 0.0000, 0.0000,
0.0000

 220.2240, 23.5170,
19.8450

 240.3250, 6.8750,

13.0750

■ 74.5330, 62.8520,
39.3640

■ 74.5330, 62.8520,
39.3640

■ 63.8870, 70.7830,
44.3110

■ 85.1790, 54.9210,
34.4170

■ 53.2410, 78.7140,
49.2580

■ 95.8250, 46.9900,
29.4700

■ 106.4710, 39.0590,
24.5230

■ 117.1170, 31.1280,
19.5760

■ 127.1760, 23.4720,
15.1520

■ 137.7080, 15.8620,
9.8940

■ 148.3540, 7.9310,
4.9470

■ 159.0000, -0.0000,
0.0000

■ 169.6460, -7.9310,
-4.9470

Harmonies

Analogous

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



81.1190, 37.9550, 44.5390



74.5330, 62.8520, 39.3640



77.4460, 66.5700, 16.0260

Triad

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



74.5330, 62.8520, 39.3640



68.5400, -3.2020, -41.1060



75.7490, -79.6400, 0.5840

Complementary

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



74.5330, 62.8520, 39.3640



116.4670, -62.8520, -39.3640

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.



75.6060, -72.3480, -10.4280



74.5330, 62.8520, 39.3640



65.2150, -44.4670, -36.6510

Square

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



74.5330, 62.8520, 39.3640



77.9790, 29.7150, -26.4210



71.5190, -59.4620, -23.7020



69.2750, -77.9450, 8.4150

Rectangle

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



74.5330, 62.8520, 39.3640



77.9330, 62.8600, -4.8520



71.5190, -59.4620, -23.7020



76.2390, -78.2640, -2.3280

Sweetspot

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



74.5330, 62.8520, 39.3640



173.7740, 24.6640, 15.5760



72.4910, 11.0850, 57.9410



84.4090, 15.2660, 9.6820



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



74.5330, 62.8520, 39.3640



74.6830, 98.3810, 61.7810



83.4740, 69.3670, 14.8950



73.7340, 3.8050, 2.6290



47.8870, 70.7830, 44.3110



5.0550, 7.3350, 4.7350

Inverse Universe

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



74.5330, 62.8520, 39.3640



74.6830, 98.3810, 61.7810



107.5260, -69.3670, -14.8950



73.7340, 3.8050, 2.6290



47.8870, 70.7830, 44.3110



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 74.5330, 62.8520, 39.3640 looks on a white background.

Color Contrast Check

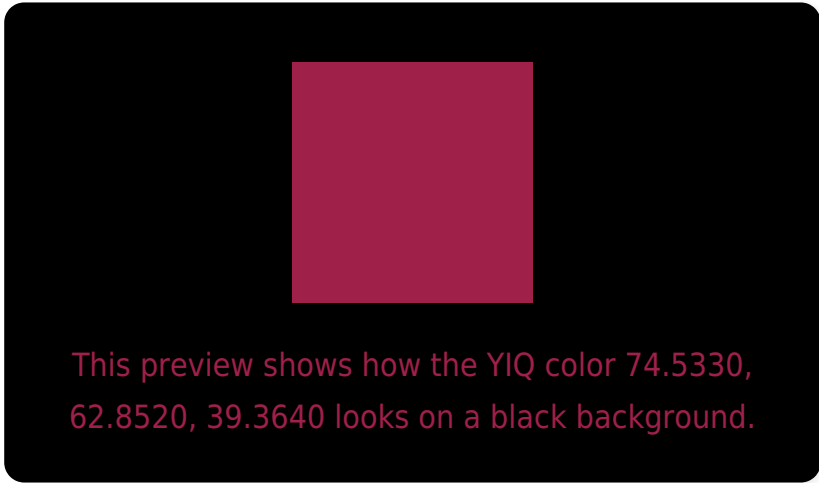
Large Text (above 18pt) WCAG AA ✓ Pass

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

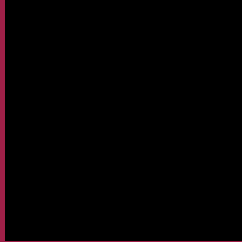
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5330, 62.8520, 39.3640

Background



This preview shows how black text looks on a background with the YIQ color 74.5330, 62.8520, 39.3640.



This preview shows how white text looks on a background with the YIQ color 74.5330, 62.8520,

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

74.5330, 62.8520, 39.3640

Protanopia

85.9980, -5.6860, 3.9300

Deuteranopia

85.5580, 15.8640, -1.1600



Tritanopia

75.3960, 70.0070, 25.3270

Trichromacy



Original Color

74.5330, 62.8520, 39.3640

Protanomaly

82.0770, 19.4370, 16.6930

Deuteranomaly

81.4990, 32.6880, 13.3280

Tritanomaly

74.8890, 67.3010, 30.3170

Monochromacy



Original Color

74.5330, 62.8520, 39.3640

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7630, 23.1970, 14.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5330, 62.8520, 39.3640 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(159, 32, 72)` looks like.

```
.text, #text, p{  
    color:rgb(159, 32, 72)  
}
```

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(159, 32, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 32, 72) }
```

Border

The CSS property to change the border of an element to YIQ 74.5330, 62.8520, 39.3640 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(159, 32, 72) }
```


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

```
.border{ border-color:rgb(159, 32, 72) }
```

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

Here you see how a box with a 4 pixel rgb(159, 32, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 32, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 32, 72);  
box-shadow:4px 4px 4px 4px rgb(159, 32,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 74.5330, 62.8520, 39.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 32, 72) }
```

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

```
.background{ background-color: rgb(159, 32,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor