

Converting Colors

YIQ(75.3530, 36.0350, 13.2430)

Have a look what the booklet for
YIQ(75.3530, 36.0350, 13.2430)
contains.

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Color

**YIQ(75.3530, 36.0350,
13.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	76393A
RGB	118, 57, 58
RGB Percent	46%, 22%, 23%
CMY	0.5371, 0.7766, 0.7724
CMYK	0.00, 0.52, 0.51, 0.54
HSL	359°, 35%, 34%
HSV	359°, 52%, 46%
XYZ	9.7028, 7.0837, 4.8637
YIQ	75.3530, 36.0350, 13.2430

Conversions

Conversions Part 2

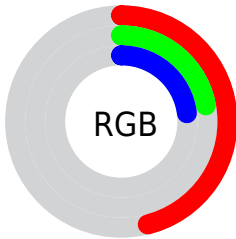
Format	Color
R_{YB}	118, 57, 58
Decimal	7747898
CIE Lab	32.00, 26.80, 11.79
CIE LCh	32, 29.277, 23.747
Yxy	7.0837, 0.4482, 0.3272
Android (android.graphics.Color)	4285937978 (0xFF76393A)
YUV	75.3530, -8.5550, 37.4014
Hunter-Lab	26.6153, 18.4965, 7.7959

Details

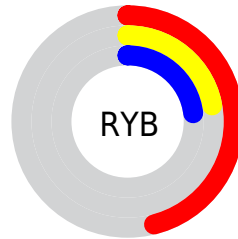
The YIQ color **75.3530, 36.0350, 13.2430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.6470, -36.0350, -13.2430**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.9190, 40.2530, 13.8930**, and **27.4280, 31.4500, 13.7380** is the 20% darker color. If you saturate the color by 10%, you get **66.9410, 43.1870, 15.7870**, and if you desaturate by 10%, it is **83.7650, 28.8830, 10.6990**.

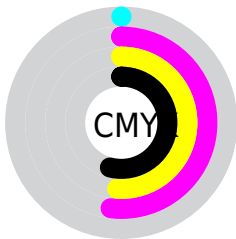
Distribution



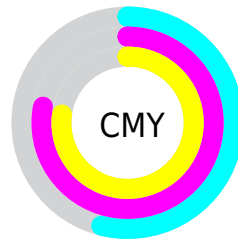
- Red (46%)
- Green (22%)
- Blue (23%)



- Red (46%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (51%)
- Black (54%)



- Cyan (54%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.3530, 36.0350, 13.2430 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 75.3530, 36.0350, 13.2430 by changing the saturation by 10% instead.

■ 75.3530, 36.0350,
13.2430

■ 75.3530, 36.0350,
13.2430

255.0000, -0.0000,
-0.0000

■ 51.5700, 33.9260,
12.9180

■ 125.9190, 40.2530,
13.8930

■ 27.4280, 31.4500,
13.7380

■ 151.8160, 42.0410,
14.5290

■ 12.8570, 25.6280,
9.1160

■ 179.3000, 43.5540,
14.6420

■ 0.0000, 0.0000,
0.0000

■ 205.7020, 42.3620,
14.2180

■ 225.3300, 25.6740,
8.2820

■ 244.9580, 8.9860,

2.3460

■ 75.3530, 36.0350,
13.2430

■ 75.3530, 36.0350,
13.2430

■ 66.9410, 43.1870,
15.7870

■ 83.7650, 28.8830,
10.6990

■ 58.6430, 50.0180,
18.6420

■ 92.0630, 22.0520,
7.8440

■ 50.8180, 56.8950,
20.6630

■ 99.8880, 15.1750,
5.8230

■ 42.5200, 63.7260,
23.5180

■ 108.1860, 8.3440,
2.9680

■ 35.5100, 69.6860,
25.6380

■ 116.5980, 1.1920,
0.4240

■ 125.0100, -5.9600,
-2.1200

■ 133.3080,
-12.7910, -4.9750

■ 141.1330,
-19.6680, -6.9960

■ 149.4310,
-26.4990, -9.8510

Harmonies

Analogous

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



76.4910, 27.1390, 20.2830



75.3530, 36.0350, 13.2430



74.9040, 35.4410, 1.9770

Triad

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



75.3530, 36.0350, 13.2430



67.5230, -12.5590, -20.1990



64.3530, -52.2220, -0.7180

Complementary

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



75.3530, 36.0350, 13.2430



99.6470, -36.0350, -13.2430

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.



62.0760, -59.0520, -9.1000



75.3530, 36.0350, 13.2430



59.0490, -46.3950, -23.7310

Square

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



75.3530, 36.0350, 13.2430



71.1360, 10.6400, -16.6240



61.6710, -53.7780, -16.5780



75.6460, -15.9580, 13.8820

Rectangle

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



75.3530, 36.0350, 13.2430



74.1110, 30.1240, -6.2920



61.6710, -53.7780, -16.5780



61.1130, -60.4740, -5.3540

Sweetspot

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



75.3530, 36.0350, 13.2430



136.1760, 14.3040, 5.0880



81.5950, 15.5830, 31.4790



66.4850, 8.9400, 3.1800



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



75.3530, 36.0350, 13.2430



86.6330, 55.9780, 20.7620



91.6750, 28.6560, -1.7120



54.7940, 3.5760, 1.2720



36.7060, 72.0700, 26.4860



75.2060, 147.7160, 54.2440

Inverse Universe

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



75.3530, 36.0350, 13.2430



86.6330, 55.9780, 20.7620



83.3250, -28.6560, 1.7120



54.7940, 3.5760, 1.2720



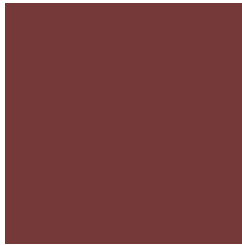
36.7060, 72.0700, 26.4860



75.2060, 147.7160, 54.2440

Previews

White Background



This preview shows how the YIQ color 75.3530, 36.0350, 13.2430 looks on a white background.

Color Contrast Check

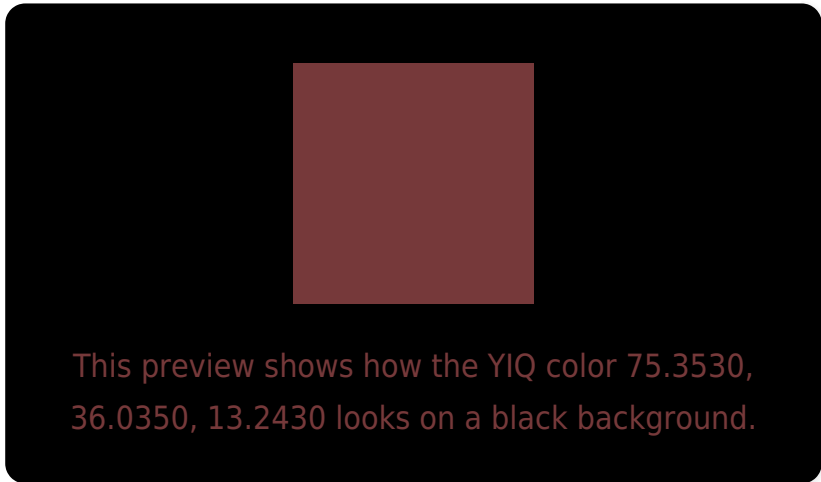
Large Text (above 18pt) WCAG AA ✓ Pass

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

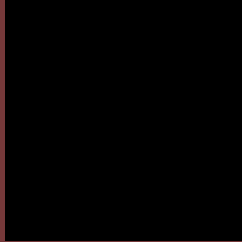
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.3530, 36.0350, 13.2430

Background



This preview shows how black text looks on a background with the YIQ color 75.3530, 36.0350, 13.2430.



This preview shows how white text looks on a background with the YIQ color 75.3530, 36.0350,

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

75.3530, 36.0350, 13.2430

Protanopia

75.8710, 4.6770, -2.1630

Deuteranopia

76.0310, 15.9100, -1.9940



Tritanopia

75.6950, 35.0720, 14.1760

Trichromacy



Original Color

75.3530, 36.0350, 13.2430

Protanomaly

75.6060, 15.9090, 3.5330

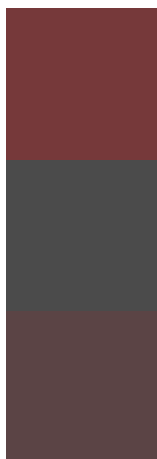
Deuteranomaly

75.6130, 23.1990, 3.5750

Tritanomaly

75.5810, 35.3930, 13.8650

Monochromacy



Original Color

75.3530, 36.0350, 13.2430

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3530, 36.0350, 13.2430 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(118, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(118, 57, 58)  
}
```

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(118, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 57, 58) }
```

Border

The CSS property to change the border of an element to YIQ 75.3530, 36.0350, 13.2430 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(118, 57, 58) }
```


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

```
.border{ border-color:rgb(118, 57, 58) }
```

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

Here you see how a box with a 4 pixel rgb(118, 57, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(118, 57,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 75.3530, 36.0350, 13.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 57, 58) }
```

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

```
.background{ background-color: rgb(118, 57,  
58) }
```

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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