

Converting Colors

YIQ(73.8740, 36.1260, 17.1020)

Have a look what the booklet for
YIQ(73.8740, 36.1260, 17.1020)
contains.

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Color

**YIQ(73.8740, 36.1260,
17.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	77353F
RGB	119, 53, 63
RGB Percent	47%, 21%, 25%
CMY	0.5332, 0.7923, 0.7528
CMYK	0.00, 0.55, 0.47, 0.53
HSL	351°, 38%, 34%
HSV	351°, 55%, 47%
XYZ	9.7835, 6.8278, 5.5100
YIQ	73.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

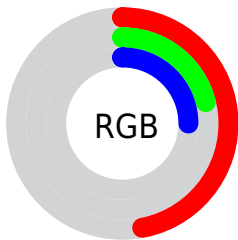
Format	Color
R_{YB}	119, 53, 63
Decimal	7812415
CIE _{Lab}	31.41, 29.97, 7.77
CIE _{LCh}	31, 30.956, 14.533
Yxy	6.8278, 0.4423, 0.3087
Android (android.graphics.Color)	4286002495 (0xFF77353F)
YUV	73.8740, -5.3609, 39.5755
Hunter-Lab	26.1301, 21.1051, 5.7888

Details

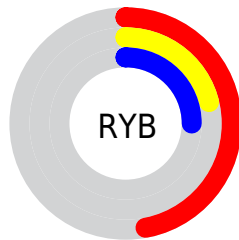
The YIQ color **73.8740, 36.1260, 17.1020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.1260, -36.1260, -17.1020**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4400, 40.3440, 17.7520**, and **24.7750, 32.0910, 18.6430** is the 20% darker color. If you saturate the color by 10%, you get **65.6900, 42.6360, 20.2680**, and if you desaturate by 10%, it is **82.0580, 29.6160, 13.9360**.

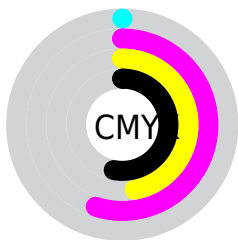
Distribution



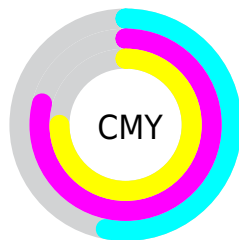
- Red (47%)
- Green (21%)
- Blue (25%)



- Red (47%)
- Yellow (21%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (47%)
- Black (53%)



- Cyan (53%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8740, 36.1260, 17.1020 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 73.8740, 36.1260, 17.1020 by changing the saturation by 10% instead.

73.8740, 36.1260,
17.1020

73.8740, 36.1260,
17.1020

255.0000, -0.0000,
-0.0000

49.5040, 34.2920,
17.3000

124.5540, 40.0230,
18.0630

24.7750, 32.0910,
18.6430

151.0380, 41.5360,
18.1760

13.5690, 26.4990,
9.8510

177.9350, 43.3240,
18.8120

0.0000, 0.0000,
0.0000

204.0380, 41.5360,
18.1760

223.6660, 24.8480,
12.2400

243.8810, 7.8850,

5.7810

■ 73.8740, 36.1260,
17.1020

■ 73.8740, 36.1260,
17.1020

■ 65.6900, 42.6360,
20.2680

■ 82.0580, 29.6160,
13.9360

■ 57.5060, 49.1460,
23.4340

■ 90.2420, 23.1060,
10.7700

■ 49.3220, 55.6560,
26.6000

■ 98.4260, 16.5960,
7.6040

■ 41.1380, 62.1660,
29.7660

■ 106.6100, 10.0860,
4.4380

■ 37.6330, 65.1460,
30.8260

■ 114.2070, 3.8510,
1.7950

■ 122.5050, -2.9800,
-1.0600

■ 130.6890, -9.4900,
-4.2260

■ 138.8730,
-16.0000, -7.3920

■ 147.0570,
-22.5100, -10.5580

Harmonies

Analogous

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



75.6910, 23.7000, 22.0360



73.8740, 36.1260, 17.1020



73.0940, 37.9620, 5.8500

Triad

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



73.8740, 36.1260, 17.1020



67.1170, -5.5440, -20.6800



60.6400, -60.5200, -4.5200

Complementary

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



73.8740, 36.1260, 17.1020



98.1260, -36.1260, -17.1020

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.



61.5060, -57.4470, -10.6550



73.8740, 36.1260, 17.1020



56.7350, -42.6350, -25.7950

Square

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



73.8740, 36.1260, 17.1020



70.0720, 16.6920, -16.1720



60.1720, -50.9350, -18.5430



71.9050, -27.0530, 11.2110

Rectangle

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



73.8740, 36.1260, 17.1020



72.6710, 34.4790, -2.6170



60.1720, -50.9350, -18.5430



61.4720, -60.1070, -6.4990

Sweetspot

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



73.8740, 36.1260, 17.1020



137.5290, 14.8080, 6.9680



76.9690, 11.5940, 32.1860



68.1260, 8.5730, 4.3250



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



73.8740, 36.1260, 17.1020



84.2190, 57.4440, 27.2360



85.6480, 33.2860, 2.4860



54.9080, 3.2550, 1.5830



38.6440, 66.6130, 31.7730



79.0820, 136.8020, 64.8180

Inverse Universe

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



73.8740, 36.1260, 17.1020



84.2190, 57.4440, 27.2360



86.3520, -33.2860, -2.4860



54.9080, 3.2550, 1.5830



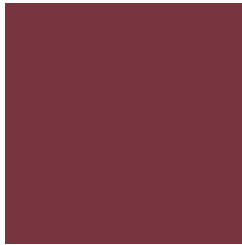
38.6440, 66.6130, 31.7730



79.0820, 136.8020, 64.8180

Previews

White Background



This preview shows how the YIQ color 73.8740, 36.1260, 17.1020 looks on a white background.

Color Contrast Check

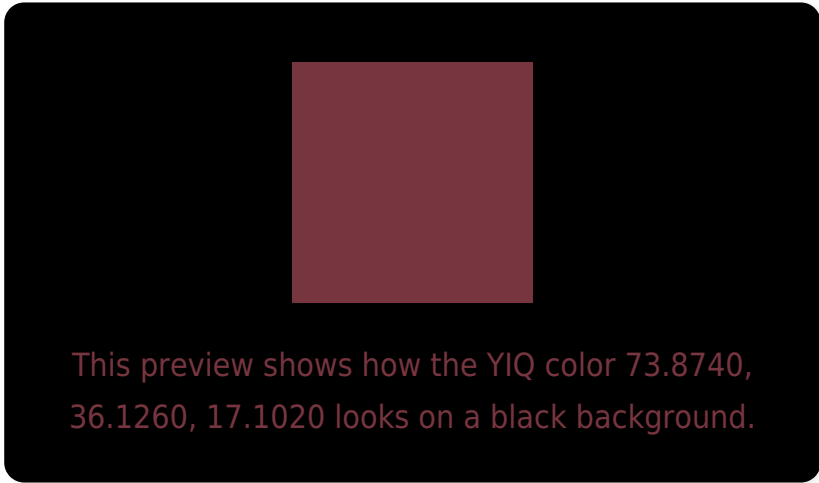
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8740, 36.1260, 17.1020

Background



This preview shows how black text looks on a background with the YIQ color 73.8740, 36.1260, 17.1020.



This preview shows how white text looks on a background with the YIQ color 73.8740, 36.1260,

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

73.8740, 36.1260, 17.1020

Protanopia

74.5980, 1.1920, 0.4240

Deuteranopia

75.1170, 12.7920, -0.5520



Tritanopia

73.8910, 37.4560, 15.0240

Trichromacy



Original Color

73.8740, 36.1260, 17.1020

Protanomaly

74.2300, 14.2120, 6.7560

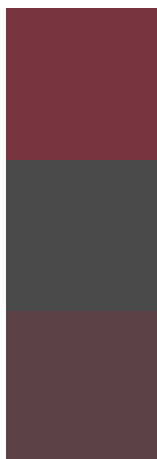
Deuteranomaly

74.7100, 21.5480, 5.9640

Tritanomaly

74.1190, 36.8140, 15.6460

Monochromacy



Original Color

73.8740, 36.1260, 17.1020

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.6320, 13.0200, 6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8740, 36.1260, 17.1020 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(119, 53, 63)` looks like.

```
.text, #text, p{  
    color:rgb(119, 53, 63)  
}
```

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(119, 53, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 53, 63) }
```

Border

The CSS property to change the border of an element to YIQ 73.8740, 36.1260, 17.1020 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(119, 53, 63) }
```


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

```
.border{ border-color:rgb(119, 53, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 53, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 53, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 53, 63);  
box-shadow:4px 4px 4px 4px rgb(119, 53,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 73.8740, 36.1260, 17.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 53, 63) }
```

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

```
.background{ background-color: rgb(119, 53,  
63) }
```

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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