

Converting Colors

YIQ(73.9740, 21.2250, 17.3290)

Have a look what the booklet for
YIQ(73.9740, 21.2250, 17.3290)
contains.

YIQ(73.9740, 21.2250, 17.3290)	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(73.9740, 21.2250,
17.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	693950
RGB	105, 57, 80
RGB Percent	41%, 22%, 31%
CMY	0.5881, 0.7765, 0.6862
CMYK	0.00, 0.46, 0.24, 0.59
HSL	331°, 30%, 32%
HSV	331°, 46%, 41%
XYZ	8.7403, 6.5089, 8.3884
YIQ	73.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

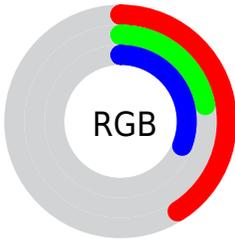
Format	Color
R_{YB}	105, 57, 80
Decimal	6895952
CIE _{Lab}	30.66, 24.55, -4.65
CIE _{LCh}	31, 24.991, 349.277
Yxy	6.5089, 0.3698, 0.2754
Android (android.graphics.Color)	4285086032 (0xFF693950)
YUV	73.9740, 2.9708, 27.2098
Hunter-Lab	25.5126, 16.5045, -1.6353

Details

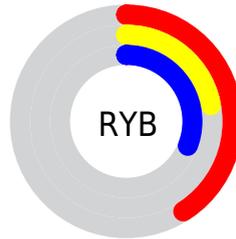
The YIQ color **73.9740, 21.2250, 17.3290** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.0260, -21.2250, -17.3290**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5830, 23.8840, 18.7000**, and **27.8920, 18.5200, 16.7920** is the 20% darker color. If you saturate the color by 10%, you get **66.9470, 25.8550, 21.5270**, and if you desaturate by 10%, it is **80.4140, 16.8700, 13.6540**.

Distribution



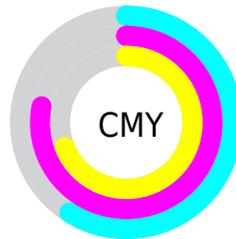
- Red (41%)
- Green (22%)
- Blue (31%)



- Red (41%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (46%)
- Yellow (24%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.9740, 21.2250, 17.3290 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 73.9740, 21.2250, 17.3290 by changing the saturation by 10% instead.

■ 73.9740, 21.2250,
17.3290

■ 73.9740, 21.2250,
17.3290

■ 255.0000, -0.0000,
-0.0000

■ 50.3760, 20.0330,
16.9050

■ 123.5830, 23.8840,
18.7000

■ 27.8920, 18.5200,
16.7920

■ 149.8820, 24.4800,
18.9120

■ 12.6590, 17.5580,
12.1980

■ 176.5940, 25.3510,
19.6470

■ 0.0000, 0.0000,
0.0000

■ 204.3060, 26.2220,
20.3820

■ 227.8210, 17.2820,
17.2020

■ 246.7820, 3.8500,

7.3220

■ 73.9740, 21.2250,
17.3290

■ 73.9740, 21.2250,
17.3290

■ 66.9470, 25.8550,
21.5270

■ 80.4140, 16.8700,
13.6540

■ 60.3930, 30.5310,
24.8910

■ 87.5550, 11.9190,
9.7670

■ 53.3660, 35.1610,
29.0890

■ 93.9950, 7.5640,
6.0920

■ 46.8120, 39.8370,
32.4530

■ 101.1360, 2.6130,
2.2050

■ 39.7850, 44.4670,
36.6510

■ 107.5760, -1.7420,
-1.4700

■ 37.0950, 46.5300,
37.8100

■ 114.7170, -6.6930,
-5.3570

■ 121.7440,
-11.3230, -9.5550

■ 128.2980,
-15.9990, -12.9190

■ 135.3250,
-20.6290, -17.1170

Harmonies

Analogous

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



74.4760, 5.1320, 17.1320



73.9740, 21.2250, 17.3290



72.8900, 30.0290, 11.9570

Triad

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



73.9740, 21.2250, 17.3290



69.4290, 11.3730, -13.3870



58.4740, -54.4210, -10.4290

Complementary

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



73.9740, 21.2250, 17.3290



88.0260, -21.2250, -17.3290

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.



57.7100, -49.5140, -16.7620



73.9740, 21.2250, 17.3290



66.2680, -7.2870, -16.6230

Square

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



73.9740, 21.2250, 17.3290



71.1750, 24.0720, -6.7440



60.8120, -32.3660, -19.1660



63.7300, -43.0980, -0.8740

Rectangle

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



73.9740, 21.2250, 17.3290



72.6850, 31.8640, 6.2320



60.8120, -32.3660, -19.1660



58.4910, -53.0910, -12.5070

Sweetspot

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



73.9740, 21.2250, 17.3290



125.1200, 8.7100, 7.3500



69.9470, -0.5080, 20.2280



61.2720, 5.2260, 4.4100



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.



73.9740, 21.2250, 17.3290



88.8280, 33.7400, 27.3080



71.9390, 28.3330, 9.6530



50.1360, 2.6130, 2.2050



41.3670, 51.7560, 42.2200



86.5930, 108.4630, 88.3270

Inverse Universe

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



73.9740, 21.2250, 17.3290



88.8280, 33.7400, 27.3080



90.0610, -28.3330, -9.6530



50.1360, 2.6130, 2.2050



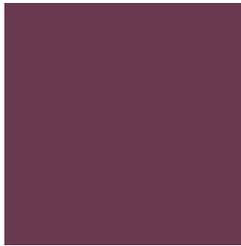
41.3670, 51.7560, 42.2200



86.5930, 108.4630, 88.3270

Previews

White Background



This preview shows how the YIQ color 73.9740, 21.2250, 17.3290 looks on a white background.

Color Contrast Check

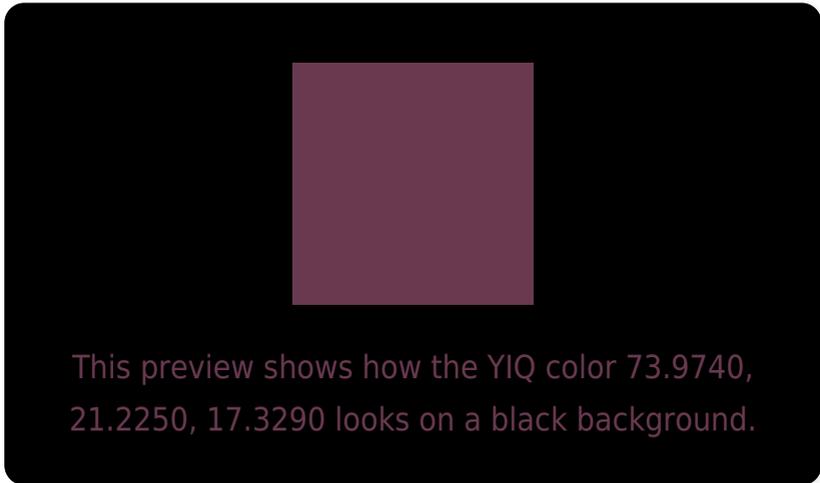
Large Text (above 18pt) WCAG AA ✓ Pass

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

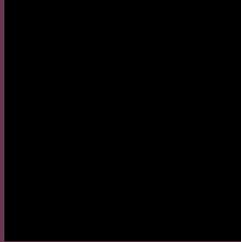
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.9740, 21.2250, 17.3290

Background



This preview shows how black text looks on a background with the YIQ color 73.9740, 21.2250, 17.3290.



This preview shows how white text looks on a background with the YIQ color 73.9740, 21.2250,

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

73.9740, 21.2250, 17.3290

Protanopia

73.1550, -7.5660, 4.9620

Deuteranopia

73.5920, 1.3290, 3.4490



Tritanopia

73.3130, 24.3440, 10.3600

Trichromacy



Original Color

73.9740, 21.2250, 17.3290

Protanomaly

73.6510, 2.8410, 9.0890

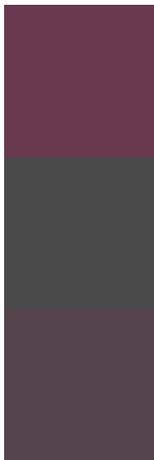
Deuteranomaly

73.7610, 8.3430, 8.4950

Tritanomaly

73.7090, 23.2890, 12.9610

Monochromacy



Original Color

73.9740, 21.2250, 17.3290

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.9740, 21.2250, 17.3290 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(105, 57, 80)` looks like.

```
.text, #text, p{  
    color:rgb(105, 57, 80)  
}
```

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(105, 57, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 57, 80) }
```

Border

The CSS property to change the border of an element to YIQ 73.9740, 21.2250, 17.3290 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(105, 57, 80) }
```

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

```
.border{ border-color:rgb(105, 57, 80) }
```

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

Here you see how a box with a 4 pixel rgb(105, 57, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 57, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 57, 80);  
box-shadow:4px 4px 4px 4px rgb(105, 57,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 73.9740, 21.2250, 17.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 57, 80) }
```

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

```
.background{ background-color: rgb(105, 57,  
80) }
```

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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