

Converting Colors

YIQ(73.8890, 103.9730, 70.5730)

Have a look what the booklet for
YIQ(73.8890, 103.9730, 70.5730)
contains.

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Color

**YIQ(73.8890, 103.9730,
70.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	D9004F
RGB	217, 0, 79
RGB Percent	85%, 0%, 31%
CMY	0.1485, 0.9998, 0.6898
CMYK	0.00, 1.00, 0.64, 0.15
HSL	338°, 100%, 43%
HSV	338°, 100%, 85%
XYZ	30.0727, 15.3396, 8.7901
YIQ	73.8890, 103.9730, 70.5730

Conversions

Conversions Part 2

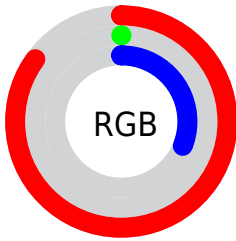
Format	Color
RYB	217, 0, 79
Decimal	14221391
CIELab	46.10, 73.05, 20.62
CIElCh	46, 75.908, 15.765
Yxy	15.3396, 0.5548, 0.2830
Android (android.graphics.Color)	4292411471 (0xFFD9004F)
YUV	73.8890, 2.5197, 125.5083
Hunter-Lab	39.1659, 68.5174, 14.1095

Details

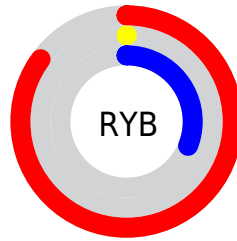
The YIQ color **73.8890, 103.9730, 70.5730** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **143.1110, -103.9730, -70.5730**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6670, 86.1420, 46.7980**, and **50.1500, 80.2280, 43.8440** is the 20% darker color. If you saturate the color by 10%, you get **73.8890, 103.9730, 70.5730**, and if you desaturate by 10%, it is **88.3990, 93.4290, 63.4210**.

Distribution



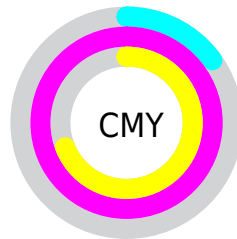
- Red (85%)
- Green (0%)
- Blue (31%)



- Red (85%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.8890, 103.9730, 70.5730 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 73.8890, 103.9730, 70.5730 by changing the saturation by 10% instead.


 73.8890, 103.9730,
70.5730


 73.8890, 103.9730,
70.5730


255.0000, -0.0000,
-0.0000


 61.8130, 91.9630,
56.9470


 143.6670, 86.1420,
46.7980


 50.1500, 80.2280,
43.8440


 164.2410, 69.5460,
39.1940


 38.4870, 68.4930,
30.7410


 184.8150, 52.9500,
31.5900

 27.7360, 54.1900,
20.1260

 205.6170, 35.7120,
24.6080

 18.8800, 35.9890,
14.0770

 225.8320, 18.7490,
18.1490

 7.8880, 15.1750,
5.8230

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 73.8890, 103.9730,
70.5730

■ 88.3990, 93.4290,
63.4210

■ 102.3220, 83.1600,
56.7920

■ 116.8320, 72.6160,
49.6400

■ 131.2280, 62.3930,
42.1770

■ 145.7380, 51.8490,
35.0250

■ 159.6610, 41.5800,
28.3960

■ 174.1710, 31.0360,
21.2440

■ 188.6810, 20.4920,
14.0920

■ 202.4900, 10.5440,
7.1520

Harmonies

Analogous

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



88.0490, 71.6480, 78.2080



73.8890, 103.9730, 70.5730



95.7900, 97.6560, 14.3280

Triad

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



73.8890, 103.9730, 70.5730



75.1360, -35.2000, -66.9440



100.6380, -109.7640, 6.8760

Complementary

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



73.8890, 103.9730, 70.5730



143.1110, -103.9730, -70.5730

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.



101.4580, -101.0500, -7.8820



73.8890, 103.9730, 70.5730



87.2080, -60.9250, -46.7570

Square

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



73.8890, 103.9730, 70.5730



99.1770, 28.6170, -39.5670



96.0200, -82.9820, -26.9660



88.8980, -104.2640, 17.3360

Rectangle

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



73.8890, 103.9730, 70.5730



101.6220, 79.7330, -7.7790



96.0200, -82.9820, -26.9660



101.4870, -108.0210, 2.8190

Sweetspot

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



73.8890, 103.9730, 70.5730



204.8020, 36.6290, 24.5090



66.0000, 12.5910, 96.7430



97.5780, 22.2800, 14.7280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.8890, 103.9730, 70.5730



86.8470, 122.1270, 82.9830



81.9060, 121.3570, 30.8370



102.7450, 5.2720, 3.5760



58.9090, 82.8850, 56.2690



15.6920, 21.9590, 15.0390

Inverse Universe

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



73.8890, 103.9730, 70.5730



86.8470, 122.1270, 82.9830



135.0940, -121.3570, -30.8370



102.7450, 5.2720, 3.5760



58.9090, 82.8850, 56.2690



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 73.8890, 103.9730, 70.5730 looks on a white background.

Color Contrast Check

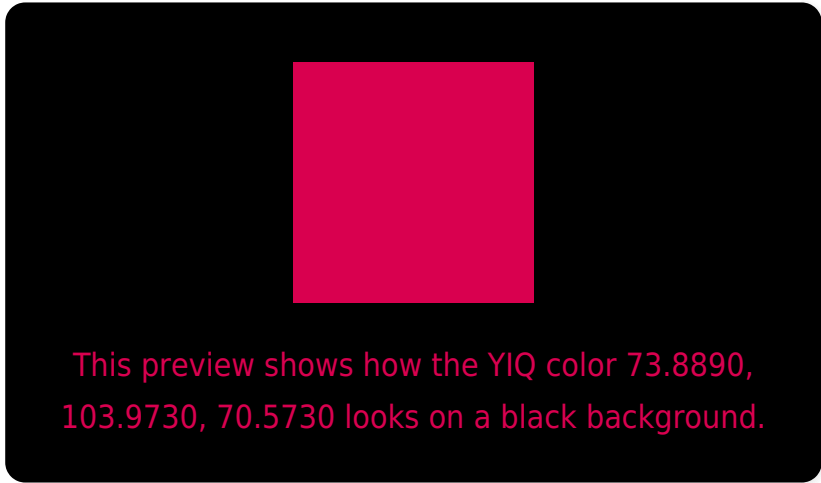
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8890, 103.9730, 70.5730

Background



This preview shows how black text looks on a background with the YIQ color 73.8890, 103.9730, 70.5730.



This preview shows how white text looks on a background with the YIQ color 73.8890, 103.9730,

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

73.8890, 103.9730, 70.5730

Protanopia

111.8690, -1.0090, 1.7670

Deuteranopia

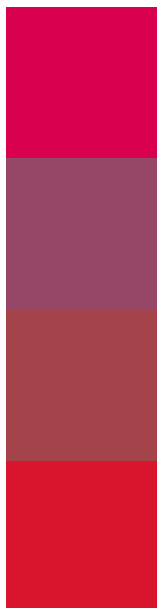
110.2680, 28.2440, -5.2600



Tritanopia

86.6740, 110.6270, 38.0750

Trichromacy



Original Color

73.8890, 103.9730, 70.5730

Protanomaly

98.2690, 36.8120, 26.7000

Deuteranomaly

96.6870, 55.8860, 22.4300

Tritanomaly

81.6820, 108.1490, 49.9490

Monochromacy



Original Color

73.8890, 103.9730, 70.5730

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9270, 37.7750, 25.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8890, 103.9730, 70.5730 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(217, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 79)  
}
```

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(217, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 79) }
```

Border

The CSS property to change the border of an element to YIQ 73.8890, 103.9730, 70.5730 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(217, 0, 79) }
```


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

```
.border{ border-color:rgb(217, 0, 79) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.8890, 103.9730, 70.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 79) }
```

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

```
.background{ background-color: rgb(217, 0,  
79) }
```

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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