

Converting Colors

YIQ(73.0690, 76.9230, 65.2030)

Have a look what the booklet for
YIQ(73.0690, 76.9230, 65.2030)
contains.

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Color

**YIQ(73.0690, 76.9230,
65.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0A63
RGB	187, 10, 99
RGB Percent	73%, 4%, 39%
CMY	0.2662, 0.9609, 0.6115
CMYK	0.00, 0.95, 0.47, 0.27
HSL	330°, 90%, 39%
HSV	330°, 95%, 73%
XYZ	22.8860, 11.6976, 12.8711
YIQ	73.0690, 76.9230, 65.2030

Conversions

Conversions Part 2

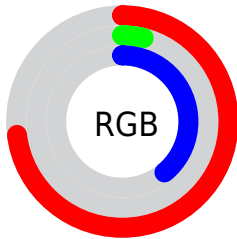
Format	Color
R_{YB}	187, 10, 99
Decimal	12257891
CIE Lab	40.73, 66.53, -0.34
CIE LCh	41, 66.531, 359.705
Yxy	11.6976, 0.4823, 0.2465
Android (android.graphics.Color)	4290447971 (0xFFBB0A63)
YUV	73.0690, 12.7840, 99.9175
Hunter-Lab	34.2018, 59.5897, 1.6287

Details

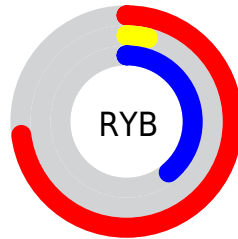
The YIQ color **73.0690, 76.9230, 65.2030** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **123.9310, -76.9230, -65.2030**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7340, 76.0080, 54.2480**, and **44.0150, 58.6790, 43.4070** is the 20% darker color. If you saturate the color by 10%, you get **66.6290, 81.2780, 68.8780**, and if you desaturate by 10%, it is **85.2480, 68.8090, 58.0650**.

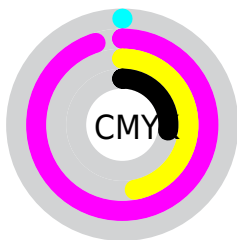
Distribution



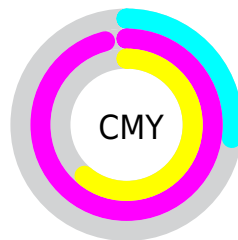
- Red (73%)
- Green (4%)
- Blue (39%)



- Red (73%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (95%)
- Yellow (47%)
- Black (27%)





- Cyan (27%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.0690, 76.9230, 65.2030 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 73.0690, 76.9230, 65.2030 by changing the saturation by 10% instead.


 73.0690, 76.9230,
65.2030


 73.0690, 76.9230,
65.2030


255.0000, -0.0000,
-0.0000


 55.4930, 69.4970,
56.6090


 142.3210, 75.7330,
53.7250


 44.0150, 58.6790,
43.4070


 164.4010, 63.5840,
48.1280


 32.9500, 48.1360,
30.7280

 184.6160, 46.6210,
41.6690

 22.0270, 40.0690,
17.2290

 204.8310, 29.6580,
35.2100

 12.0740, 23.5190,
8.7910

 224.4760, 14.3000,
27.1960

 0.0000, 0.0000,
0.0000

 241.4990, 6.3250,

12.0290

■ 73.0690, 76.9230,
65.2030

■ 73.0690, 76.9230,
65.2030

■ 66.6290, 81.2780,
68.8780

■ 85.2480, 68.8090,
58.0650

■ 96.9540, 60.6490,
51.7610

■ 109.1330, 52.5350,
44.6230

■ 121.3120, 44.4210,
37.4850

■ 133.6050, 35.9860,
30.6580

■ 145.1970, 28.1470,
24.0430

■ 157.3760, 20.0330,
16.9050

■ 169.5550, 11.9190,
9.7670

■ 181.2610, 3.7590,
3.4630

Harmonies

Analogous

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



93.0450, 32.7720, 55.8760



73.0690, 76.9230, 65.2030



81.6910, 85.5940, 34.6980

Triad

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



73.0690, 76.9230, 65.2030



82.2330, 7.8480, -43.1280



89.2790, -92.9360, -0.7440

Complementary

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



73.0690, 76.9230, 65.2030



123.9310, -76.9230, -65.2030

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.



86.8390, -80.5540, -15.8980



73.0690, 76.9230, 65.2030



71.4950, -42.8600, -49.2600

Square

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



73.0690, 76.9230, 65.2030



90.4600, 44.4780, -24.1460



80.5690, -62.8990, -33.0030



84.6460, -95.0470, 9.9850

Rectangle

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



73.0690, 76.9230, 65.2030



86.2070, 82.9400, 5.6920



80.5690, -62.8990, -33.0030



89.0850, -89.6340, -5.5220

Sweetspot

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



73.0690, 76.9230, 65.2030



198.3220, 29.2930, 25.3010



55.8920, -5.5610, 73.2790



95.6530, 17.6950, 15.2230



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



73.0690, 76.9230, 65.2030



86.2660, 105.0700, 89.2460



63.2650, 104.5290, 38.4570



88.2610, 3.7590, 3.4630



56.3620, 68.4880, 58.3760



10.9790, 13.6610, 11.2370

Inverse Universe

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



73.0690, 76.9230, 65.2030



86.2660, 105.0700, 89.2460



133.7350, -104.5290, -38.4570



88.2610, 3.7590, 3.4630



56.3620, 68.4880, 58.3760



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 73.0690, 76.9230, 65.2030 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



This preview shows how the YIQ color 73.0690, 76.9230, 65.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

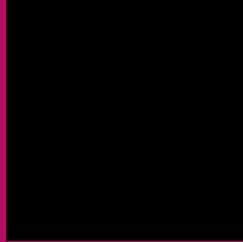
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.0690, 76.9230, 65.2030

Background



This preview shows how black text looks on a background with the YIQ color 73.0690, 76.9230, 65.2030.



This preview shows how white text looks on a background with the YIQ color 73.0690, 76.9230,

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

73.0690, 76.9230, 65.2030

Protanopia

97.3570, -22.5140, 11.5500

Deuteranopia

99.0290, 10.2240, 1.9360



Tritanopia

83.1700, 85.5030, 30.8390

Trichromacy



Original Color

73.0690, 76.9230, 65.2030

Protanomaly

88.6980, 13.7950, 30.8430

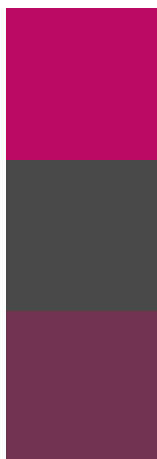
Deuteranomaly

89.5460, 34.4740, 25.0180

Tritanomaly

79.4060, 82.3830, 43.3350

Monochromacy



Original Color

73.0690, 76.9230, 65.2030

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.7840, 27.8720, 23.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.0690, 76.9230, 65.2030 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(187, 10, 99)` looks like.

```
.text, #text, p{  
    color:rgb(187, 10, 99)  
}
```

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(187, 10, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 10, 99) }
```

Border

The CSS property to change the border of an element to YIQ 73.0690, 76.9230, 65.2030 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(187, 10, 99) }
```


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

```
.border{ border-color:rgb(187, 10, 99) }
```

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

Here you see how a box with a 4 pixel rgb(187, 10, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 10, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 10, 99);  
box-shadow:4px 4px 4px 4px rgb(187, 10,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 73.0690, 76.9230, 65.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 10, 99) }
```

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

```
.background{ background-color: rgb(187, 10,  
99) }
```

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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