

Converting Colors

YIQ(72.6130, 70.1800, 82.7880)

Have a look what the booklet for
YIQ(72.6130, 70.1800, 82.7880)
contains.

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Color

**YIQ(72.6130, 70.1800,
82.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0088
RGB	191, 0, 136
RGB Percent	75%, 0%, 53%
CMY	0.2504, 0.9999, 0.4665
CMYK	0.00, 1.00, 0.29, 0.25
HSL	317°, 100%, 37%
HSV	317°, 100%, 75%
XYZ	25.9675, 12.8730, 24.4251
YIQ	72.6130, 70.1800, 82.7880

Conversions

Conversions Part 2

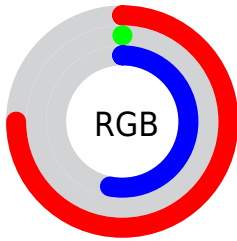
Format	Color
RYB	191, 0, 136
Decimal	12517512
CIELab	42.57, 71.98, -20.54
CIELCh	43, 74.850, 344.075
Yxy	12.8730, 0.4105, 0.2035
Android (android.graphics.Color)	4290707592 (0xFFBF0088)
YUV	72.6130, 31.2498, 103.8254
Hunter-Lab	35.8790, 66.4016, -15.2472

Details

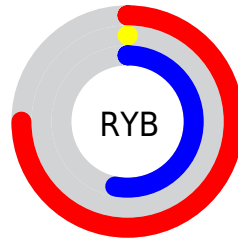
The YIQ color **72.6130, 70.1800, 82.7880** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **118.3870, -70.1800, -82.7880**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3760, 65.8730, 67.2250**, and **49.2720, 51.0660, 54.7300** is the 20% darker color. If you saturate the color by 10%, you get **72.6130, 70.1800, 82.7880**, and if you desaturate by 10%, it is **84.4500, 63.0290, 74.7170**.

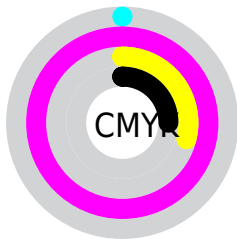
Distribution



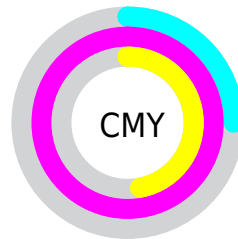
- Red (75%)
- Green (0%)
- Blue (53%)



- Red (75%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.6130, 70.1800, 82.7880 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 72.6130, 70.1800, 82.7880 by changing the saturation by 10% instead.


 72.6130, 70.1800,
82.7880


 72.6130, 70.1800,
82.7880


255.0000, -0.0000,
-0.0000


 61.0920, 60.9210,
68.8650


 148.0770, 65.2770,
67.0130


 49.2720, 51.0660,
54.7300


 169.0750, 50.4230,
60.8790


 37.9790, 41.1650,
41.4290

 189.9910, 32.8640,
54.2080

 27.3980, 32.1350,
28.8630

 208.0400, 22.0000,
41.8400

 16.4040, 22.8300,
15.7740

 225.6500, 13.7500,
26.1500

 0.0000, 0.0000,
0.0000

 242.6730, 5.7750,

10.9830

■ 72.6130, 70.1800,
82.7880

■ 84.4500, 63.0290,
74.7170

■ 96.1730, 56.1990,
66.3350

■ 108.0100, 49.0480,
58.2640

■ 119.7330, 42.2180,
49.8820

■ 132.1570, 34.7920,
41.2880

■ 143.8800, 27.9620,
32.9060

■ 155.7170, 20.8110,
24.8350

■ 167.4400, 13.9810,
16.4530

■ 179.2770, 6.8300,
8.3820

Harmonies

Analogous

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



101.1800, 1.5950, 53.7150



72.6130, 70.1800, 82.7880



69.8450, 98.1050, 66.7850

Triad

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



72.6130, 70.1800, 82.7880



91.8120, 28.3870, -35.3970



94.5790, -94.0810, -7.5290

Complementary

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



72.6130, 70.1800, 82.7880



118.3870, -70.1800, -82.7880

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.



88.6680, -76.0590, -25.7790



72.6130, 70.1800, 82.7880



69.2660, -32.4500, -61.7140

Square

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



72.6130, 70.1800, 82.7880



94.7450, 66.0250, -12.6550



80.0840, -54.6440, -44.9480



93.8730, -103.1160, 7.5400

Rectangle

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



72.6130, 70.1800, 82.7880



80.7910, 97.0560, 36.2240



80.0840, -54.6440, -44.9480



93.2280, -88.8990, -13.3390

Sweetspot

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



72.6130, 70.1800, 82.7880



201.1680, 27.0910, 32.1710



37.9200, -29.1270, 70.8490



97.1030, 16.5480, 19.4920



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



72.6130, 70.1800, 82.7880



93.9170, 90.7160, 107.1000



61.7830, 100.6750, 53.2430



88.4890, 3.1170, 4.0850



60.1240, 57.8950, 68.6390



11.7770, 11.4140, 13.4140

Inverse Universe

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



72.6130, 70.1800, 82.7880



93.9170, 90.7160, 107.1000



129.2170, -100.6750, -53.2430



88.4890, 3.1170, 4.0850



60.1240, 57.8950, 68.6390



11.7770, 11.4140, 13.4140

Previews

White Background



This preview shows how the YIQ color 72.6130, 70.1800, 82.7880 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 72.6130, 70.1800, 82.7880

Background



This preview shows how black text looks on a background with the YIQ color 72.6130, 70.1800, 82.7880.



This preview shows how white text looks on a background with the YIQ color 72.6130, 70.1800,

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

72.6130, 70.1800, 82.7880

Protanopia

96.3640, -58.7820, 19.0580

Deuteranopia

103.9640, -8.3460, 8.0860



Tritanopia

93.3970, 77.4340, 28.3940

Trichromacy



Original Color

72.6130, 70.1800, 82.7880



Protanomaly

88.0870, -11.7450, 42.1670



Deuteranomaly

92.4540, 20.5340, 35.3660



Tritanomaly

85.5610, 74.8170, 48.2970

Monochromacy



Original Color

72.6130, 70.1800, 82.7880



Achromatopsia

73.0000, -0.0000, -0.0000



Achromatomaly

72.6300, 25.6700, 30.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.6130, 70.1800, 82.7880 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(191, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 136)  
}
```

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(191, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 136) }
```

Border

The CSS property to change the border of an element to YIQ 72.6130, 70.1800, 82.7880 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(191, 0, 136) }
```


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

```
.border{ border-color:rgb(191, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 72.6130, 70.1800, 82.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 136) }
```

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

```
.background{ background-color: rgb(191, 0,  
136) }
```

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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