

Converting Colors

YIQ(71.0130, 44.9660, 66.1660)

Have a look what the booklet for
YIQ(71.0130, 44.9660, 66.1660)
contains.

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Color

**YIQ(71.0130, 44.9660,
66.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	9B1086
RGB	155, 16, 134
RGB Percent	61%, 6%, 53%
CMY	0.3918, 0.9374, 0.4744
CMYK	0.00, 0.90, 0.14, 0.39
HSL	309°, 81%, 34%
HSV	309°, 90%, 61%
XYZ	18.0264, 9.0695, 23.3629
YIQ	71.0130, 44.9660, 66.1660

Conversions

Conversions Part 2

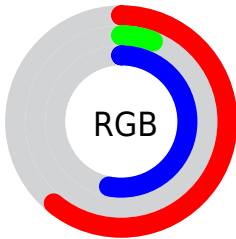
Format	Color
RYB	155, 16, 134
Decimal	10162310
CIELab	36.12, 62.63, -29.88
CIELCh	36, 69.388, 334.497
Yxy	9.0695, 0.3573, 0.1797
Android (android.graphics.Color)	4288352390 (0xFF9B1086)
YUV	71.0130, 31.0526, 73.6566
Hunter-Lab	30.1156, 54.1433, -24.9147

Details

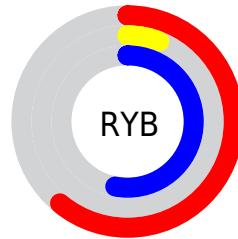
The YIQ color **71.0130, 44.9660, 66.1660** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **99.9870, -44.9660, -66.1660**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.4270, 43.5000, 59.6920**, and **39.1770, 32.0400, 47.1120** is the 20% darker color. If you saturate the color by 10%, you get **61.3930, 50.0080, 73.9120**, and if you desaturate by 10%, it is **80.0460, 40.1990, 58.9430**.

Distribution



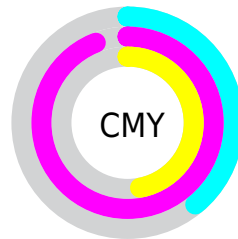
- Red (61%)
- Green (6%)
- Blue (53%)



- Red (61%)
- Yellow (6%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (39%)





- Cyan (39%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.0130, 44.9660, 66.1660 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 71.0130, 44.9660, 66.1660 by changing the saturation by 10% instead.


 71.0130, 44.9660,
66.1660


 71.0130, 44.9660,
66.1660


255.0000, -0.0000,
-0.0000


 50.2850, 41.0240,
60.5120


 134.4270, 43.5000,
59.6920


 39.1770, 32.0400,
47.1120


 163.0250, 44.6920,
60.1160


 28.3680, 23.6520,
33.9240

 186.2410, 35.1560,
56.7240

 18.3850, 15.8140,
21.7820

 203.9310, 23.9250,
45.5010

 1.5960, -4.4940,
4.3540

 220.9540, 15.9500,
30.3340

 0.0000, 0.0000,
0.0000

 237.9770, 7.9750,

15.1670

■ 71.0130, 44.9660,
66.1660

■ 71.0130, 44.9660,
66.1660

■ 61.3930, 50.0080,
73.9120

■ 80.0460, 40.1990,
58.9430

■ 89.7800, 34.8360,
51.5080

■ 98.8130, 30.0690,
44.2850

■ 108.4330, 25.0270,
36.5390

■ 118.1670, 19.6640,
29.1040

■ 127.2000, 14.8970,
21.8810

■ 136.8200, 9.8550,
14.1350

■ 145.9670, 4.7670,
7.2230

■ 155.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



84.7590, -22.5650, 40.0190



71.0130, 44.9660, 66.1660



62.2280, 80.7290, 62.3050

Triad

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



71.0130, 44.9660, 66.1660



79.4850, 34.1620, -24.4140



79.5670, -76.6120, -10.2440

Complementary

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



71.0130, 44.9660, 66.1660



99.9870, -44.9660, -66.1660

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.



73.2970, -58.9570, -27.3490



71.0130, 44.9660, 66.1660



67.6920, -6.6860, -44.0460

Square

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



71.0130, 44.9660, 66.1660



78.5530, 66.9860, -2.5340



65.2830, -39.1470, -44.9630



81.7790, -88.3520, 4.2880

Rectangle

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



71.0130, 44.9660, 66.1660



57.5260, 91.0930, 50.6850



65.2830, -39.1470, -44.9630



78.2160, -71.4300, -16.0540

Sweetspot

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



71.0130, 44.9660, 66.1660



168.3900, 17.4180, 25.7540



38.1250, -32.1030, 47.6810



82.0590, 10.6800, 15.7040



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



71.0130, 44.9660, 66.1660



79.5930, 64.9050, 95.7930



63.1470, 67.1150, 44.7070



72.0760, 2.8420, 3.5620



55.4260, 45.2410, 66.6890



5.1410, 4.2170, 6.1770

Inverse Universe

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



71.0130, 44.9660, 66.1660



79.5930, 64.9050, 95.7930



107.8530, -67.1150, -44.7070



72.0760, 2.8420, 3.5620



55.4260, 45.2410, 66.6890



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 71.0130, 44.9660, 66.1660 looks on a white background.

Color Contrast Check

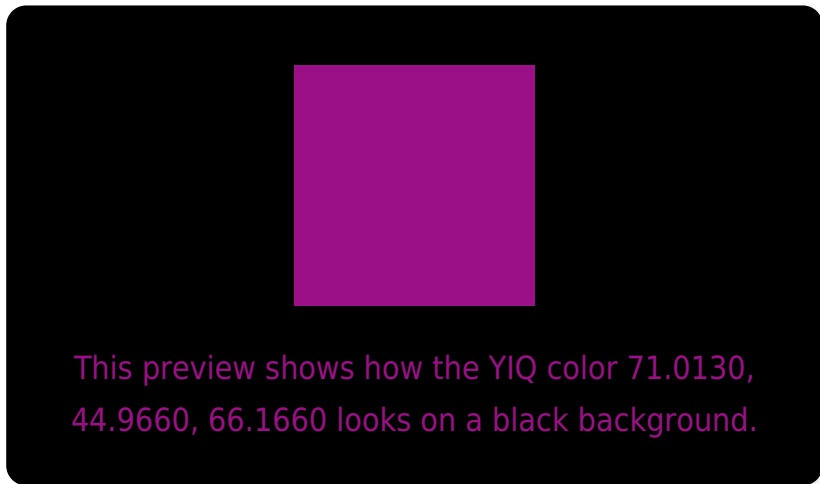
Large Text (above 18pt) WCAG AA ✓ Pass

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

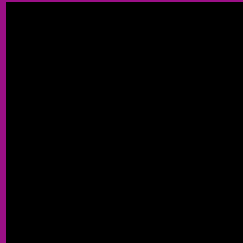
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.0130, 44.9660, 66.1660

Background



This preview shows how black text looks on a background with the YIQ color 71.0130, 44.9660, 66.1660.



This preview shows how white text looks on a background with the YIQ color 71.0130, 44.9660,

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

71.0130, 44.9660, 66.1660

Protanopia

69.6000, -80.2380, 11.4260

Deuteranopia

86.0750, -21.7800, 9.2600



Tritanopia

82.4480, 55.0610, 20.8610

Trichromacy



Original Color

71.0130, 44.9660, 66.1660



Protanomaly

69.8450, -34.8510, 31.3970



Deuteranomaly

81.0110, 2.6080, 29.8400



Tritanomaly

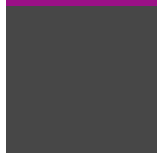
78.3190, 51.7110, 37.5270

Monochromacy



Original Color

71.0130, 44.9660, 66.1660



Achromatopsia

71.0000, -0.0000, -0.0000



Achromatomaly

71.1510, 16.5930, 24.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0130, 44.9660, 66.1660 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(155, 16, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 16, 134)  
}
```

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(155, 16, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 16, 134) }
```

Border

The CSS property to change the border of an element to YIQ 71.0130, 44.9660, 66.1660 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(155, 16, 134) }
```


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

```
.border{ border-color:rgb(155, 16, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 16, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 16, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 16, 134);  
box-shadow:4px 4px 4px 4px rgb(155, 16,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 71.0130, 44.9660, 66.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 16, 134) }
```

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

```
.background{ background-color: rgb(155, 16,  
134) }
```

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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