

Converting Colors

YIQ(72.1980, 81.4140, 77.4300)

Have a look what the booklet for
YIQ(72.1980, 81.4140, 77.4300)
contains.

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Color

**YIQ(72.1980, 81.4140,
77.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	C60072
RGB	198, 0, 114
RGB Percent	78%, 0%, 45%
CMY	0.2230, 0.9999, 0.5527
CMYK	0.00, 1.00, 0.42, 0.22
HSL	325°, 100%, 39%
HSV	325°, 100%, 78%
XYZ	26.3658, 13.2408, 17.1036
YIQ	72.1980, 81.4140, 77.4300

Conversions

Conversions Part 2

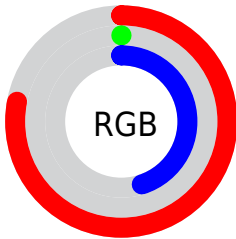
Format	Color
RYB	198, 0, 114
Decimal	12976242
CIELab	43.12, 71.25, -5.97
CIELCh	43, 71.496, 355.206
Yxy	13.2408, 0.4649, 0.2335
Android (android.graphics.Color)	4291166322 (0xFFC60072)
YUV	72.1980, 20.6084, 110.3284
Hunter-Lab	36.3880, 65.6579, -2.3967

Details

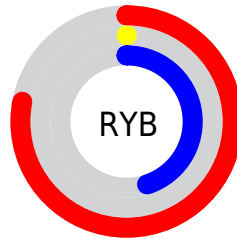
The YIQ color **72.1980, 81.4140, 77.4300** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **125.8020, -81.4140, -77.4300**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2380, 74.7690, 60.1850**, and **48.7860, 61.0620, 49.7820** is the 20% darker color. If you saturate the color by 10%, you get **72.1980, 81.4140, 77.4300**, and if you desaturate by 10%, it is **84.8500, 73.3460, 69.4580**.

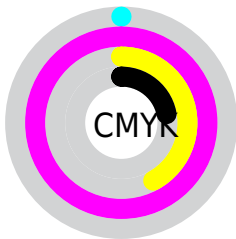
Distribution



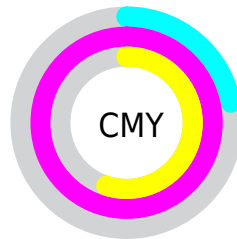
- Red (78%)
- Green (0%)
- Blue (45%)



- Red (78%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.1980, 81.4140, 77.4300 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 72.1980, 81.4140, 77.4300 by changing the saturation by 10% instead.


 72.1980, 81.4140,
77.4300


 72.1980, 81.4140,
77.4300


255.0000, -0.0000,
-0.0000


 60.4920, 71.2380,
63.6060


 146.2380, 74.7690,
60.1850


 48.7860, 61.0620,
49.7820


 166.9260, 57.8520,
52.8920

 37.3080, 50.2440,
36.5800

 187.1410, 40.8890,
46.4330

 26.6560, 39.9760,
24.4240

 207.9430, 23.6510,
39.4510

 15.4770, 29.7540,
11.4340

 225.6500, 13.7500,
26.1500

 0.0000, 0.0000,
0.0000

 243.2600, 5.5000,

10.4600

■ 72.1980, 81.4140,
77.4300

■ 84.8500, 73.3460,
69.4580

■ 97.6160, 64.9570,
61.7970

■ 109.6810, 57.1640,
54.3480

■ 122.4470, 48.7750,
46.6870

■ 135.0990, 40.7070,
38.7150

■ 147.8650, 32.3180,
31.0540

■ 160.5170, 24.2500,
23.0820

■ 173.1690, 16.1820,
15.1100

■ 185.3480, 8.0680,
7.9720

Harmonies

Analogous

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



99.8040, 26.2610, 58.2370



72.1980, 81.4140, 77.4300



81.4460, 94.0740, 46.2180

Triad

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



72.1980, 81.4140, 77.4300



89.0550, 14.2210, -42.9870



94.8870, -97.7040, -2.4400

Complementary

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



72.1980, 81.4140, 77.4300



125.8020, -81.4140, -77.4300

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.



91.7630, -83.3960, -19.4600



72.1980, 81.4140, 77.4300



74.3500, -41.2540, -56.3420

Square

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



72.1980, 81.4140, 77.4300



95.8200, 52.2720, -22.2240



84.2220, -63.5400, -37.9080



91.6390, -102.3370, 9.9430

Rectangle

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



72.1980, 81.4140, 77.4300



89.7830, 90.3660, 14.2860



84.2220, -63.5400, -37.9080



94.5790, -94.0810, -7.5290

Sweetspot

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



72.1980, 81.4140, 77.4300



206.7400, 31.1720, 29.7960



47.3890, -14.0900, 79.1740



98.7180, 19.0700, 17.8380



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.



72.1980, 81.4140, 77.4300



93.0030, 104.7930, 99.7770



61.1400, 112.5510, 47.2630



93.2610, 3.7590, 3.4630



59.4530, 66.9740, 63.7900



13.1580, 14.7150, 14.1630

Inverse Universe

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



72.1980, 81.4140, 77.4300



93.0030, 104.7930, 99.7770



136.9740, -112.8720, -46.9520



93.2610, 3.7590, 3.4630



59.4530, 66.9740, 63.7900



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 72.1980, 81.4140, 77.4300 looks on a white background.

Color Contrast Check

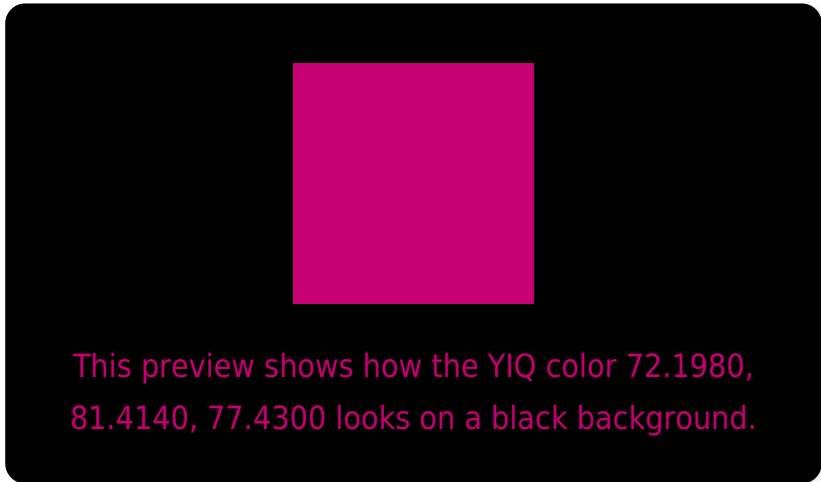
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1980, 81.4140, 77.4300

Background



This preview shows how black text looks on a background with the YIQ color 72.1980, 81.4140, 77.4300.



This preview shows how white text looks on a background with the YIQ color 72.1980, 81.4140,

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

72.1980, 81.4140, 77.4300

Protanopia

102.7890, -32.4180, 14.8300

Deuteranopia

105.4570, 6.1430, 4.3110



Tritanopia

89.6650, 88.4830, 31.8990

Trichromacy



Original Color

72.1980, 81.4140, 77.4300



Protanomaly

91.8750, 9.1630, 37.6990



Deuteranomaly

93.3490, 33.8310, 31.1670



Tritanomaly

83.7210, 86.0500, 48.4660

Monochromacy



Original Color

72.1980, 81.4140, 77.4300



Achromatopsia

72.0000, -0.0000, 0.0000



Achromatomaly

72.2020, 29.7510, 28.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.1980, 81.4140, 77.4300 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(198, 0, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 114)  
}
```

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(198, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 114) }
```

Border

The CSS property to change the border of an element to YIQ 72.1980, 81.4140, 77.4300 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(198, 0, 114) }
```


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

```
.border{ border-color:rgb(198, 0, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 0, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 72.1980, 81.4140, 77.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 114) }
```

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

```
.background{ background-color: rgb(198, 0,  
114) }
```

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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