

Converting Colors

YIQ(69.7200, 79.7640, 74.2920)

Have a look what the booklet for
YIQ(69.7200, 79.7640, 74.2920)
contains.

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Color

**YIQ(69.7200, 79.7640,
74.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	C0006C
RGB	192, 0, 108
RGB Percent	75%, 0%, 42%
CMY	0.2465, 0.9999, 0.5762
CMYK	0.00, 1.00, 0.44, 0.25
HSL	326°, 100%, 38%
HSV	326°, 100%, 75%
XYZ	24.4820, 12.3079, 15.2893
YIQ	69.7200, 79.7640, 74.2920

Conversions

Conversions Part 2

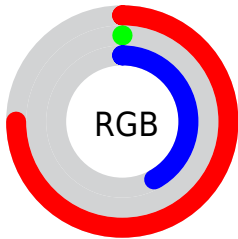
Format	Color
RYB	192, 0, 108
Decimal	12583020
CIELab	41.70, 69.42, -4.47
CIELCh	42, 69.562, 356.317
Yxy	12.3079, 0.4701, 0.2363
Android (android.graphics.Color)	4290773100 (0xFFC0006C)
YUV	69.7200, 18.8720, 107.2396
Hunter-Lab	35.0826, 63.1697, -1.2812

Details

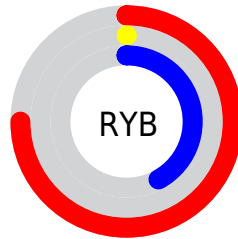
The YIQ color **69.7200, 79.7640, 74.2920** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **122.2800, -79.7640, -74.2920**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6680, 76.3740, 58.6300**, and **46.4220, 59.0910, 46.9550** is the 20% darker color. If you saturate the color by 10%, you get **69.7200, 79.7640, 74.2920**, and if you desaturate by 10%, it is **81.7850, 71.9710, 66.8430**.

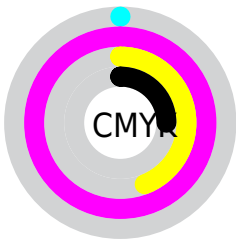
Distribution



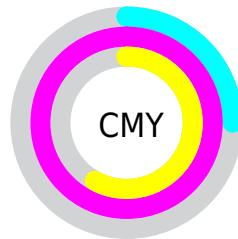
- Red (75%)
- Green (0%)
- Blue (42%)



- Red (75%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.7200, 79.7640, 74.2920 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 69.7200, 79.7640, 74.2920 by changing the saturation by 10% instead.


 69.7200, 79.7640,
74.2920


 69.7200, 79.7640,
74.2920


255.0000, -0.0000,
-0.0000


 58.0140, 69.5880,
60.4680


 143.9670, 76.9700,
58.8420


 46.4220, 59.0910,
46.9550


 164.9540, 60.6490,
51.7610


 35.2430, 48.8690,
33.9650

 185.1690, 43.6860,
45.3020

 24.5910, 38.6010,
21.8090

 205.3840, 26.7230,
38.8430

 13.6830, 26.1780,
10.1620

 224.4760, 14.3000,
27.1960

 0.0000, 0.0000,
0.0000

 242.0860, 6.0500,

11.5060

■ 69.7200, 79.7640,
74.2920

■ 81.7850, 71.9710,
66.8430

■ 93.9640, 63.8570,
59.7050

■ 106.6160, 55.7890,
51.7330

■ 118.7950, 47.6750,
44.5950

■ 130.8600, 39.8820,
37.1460

■ 143.0390, 31.7680,
30.0080

■ 155.6910, 23.7000,
22.0360

■ 167.7560, 15.9070,
14.5870

■ 179.9350, 7.7930,
7.4490

Harmonies

Analogous

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



95.7610, 27.8200, 57.5160



69.7200, 79.7640, 74.2920



79.4840, 90.9110, 42.9670

Triad

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



69.7200, 79.7640, 74.2920



85.7990, 12.0660, -42.4780



91.9690, -94.9990, -1.9030

Complementary

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



69.7200, 79.7640, 74.2920



122.2800, -79.7640, -74.2920

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.



88.4860, -81.0580, -17.7780



69.7200, 79.7640, 74.2920



72.2300, -40.7960, -53.6280

Square

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



69.7200, 79.7640, 74.2920



92.8520, 49.2460, -22.4500



81.7600, -62.1190, -36.1270



87.7920, -98.3940, 10.0700

Rectangle

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



69.7200, 79.7640, 74.2920



87.2340, 87.4780, 11.5580



81.7600, -62.1190, -36.1270



91.6610, -91.3760, -6.9920

Sweetspot

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



69.7200, 79.7640, 74.2920



202.2130, 31.2180, 28.9620



46.7050, -12.1640, 77.3080



96.3050, 18.7950, 17.3150



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.



69.7200, 79.7640, 74.2920



90.8240, 103.7390, 96.8510



58.8900, 110.2590, 44.7470



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Inverse Universe

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



69.7200, 79.7640, 74.2920



90.8240, 103.7390, 96.8510



133.1100, -110.2590, -44.7470



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 69.7200, 79.7640, 74.2920 looks on a white background.

Color Contrast Check

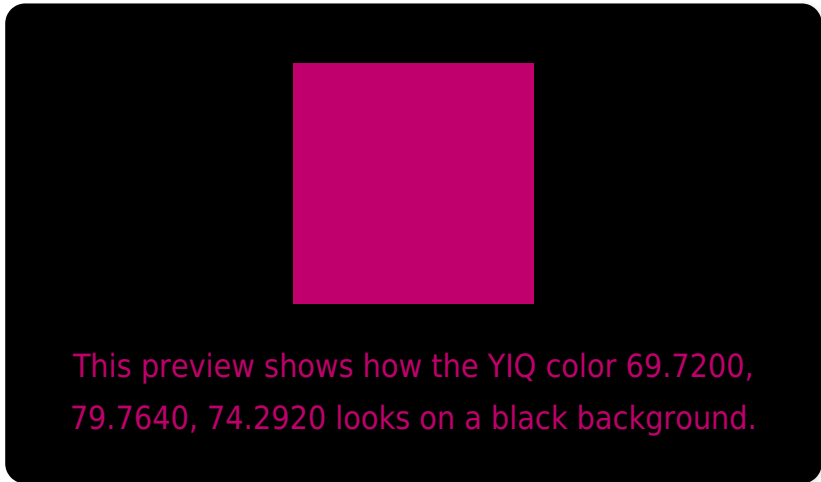
Large Text (above 18pt) WCAG AA ✓ Pass

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

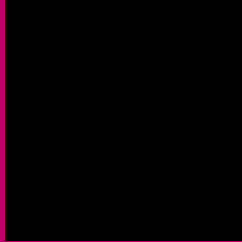
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.7200, 79.7640, 74.2920

Background



This preview shows how black text looks on a background with the YIQ color 69.7200, 79.7640, 74.2920.



This preview shows how white text looks on a background with the YIQ color 69.7200, 79.7640,

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

69.7200, 79.7640, 74.2920

Protanopia

100.0020, -28.7040, 13.6000

Deuteranopia

102.1150, 7.1060, 3.3780



Tritanopia

86.7680, 86.6950, 31.2630

Trichromacy



Original Color

69.7200, 79.7640, 74.2920

Protanomaly

88.8920, 10.4930, 35.6210

Deuteranomaly

90.2950, 33.9230, 29.4990

Tritanomaly

80.2970, 84.3080, 46.9960

Monochromacy



Original Color

69.7200, 79.7640, 74.2920

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0770, 28.6050, 26.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.7200, 79.7640, 74.2920 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(192, 0, 108)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 108)  
}
```

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(192, 0, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 108) }
```

Border

The CSS property to change the border of an element to YIQ 69.7200, 79.7640, 74.2920 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(192, 0, 108) }
```


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

```
.border{ border-color:rgb(192, 0, 108) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 69.7200, 79.7640, 74.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 108) }
```

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

```
.background{ background-color: rgb(192, 0,  
108) }
```

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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