

Converting Colors

YIQ(73.7230, 75.6820, 82.1940)

Have a look what the booklet for
YIQ(73.7230, 75.6820, 82.1940)
contains.

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Color

**YIQ(73.7230, 75.6820,
82.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	C50082
RGB	197, 0, 130
RGB Percent	77%, 0%, 51%
CMY	0.2269, 0.9999, 0.4900
CMYK	0.00, 1.00, 0.34, 0.23
HSL	320°, 100%, 39%
HSV	320°, 100%, 77%
XYZ	27.0954, 13.5023, 22.3151
YIQ	73.7230, 75.6820, 82.1940

Conversions

Conversions Part 2

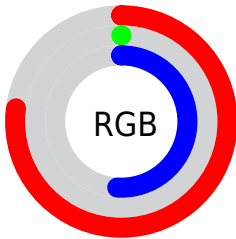
Format	Color
R_{YB}	197, 0, 130
Decimal	12910722
CIE _{Lab}	43.51, 72.56, -15.31
CIE _{LCh}	44, 74.157, 348.083
Yxy	13.5023, 0.4307, 0.2146
Android (android.graphics.Color)	4291100802 (0xFFC50082)
YUV	73.7230, 27.7446, 108.1139
Hunter-Lab	36.7455, 67.3175, -10.2843

Details

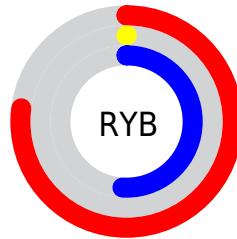
The YIQ color **73.7230, 75.6820, 82.1940** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **123.2770, -75.6820, -82.1940**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.1760, 69.3120, 65.4720**, and **50.4960, 56.2470, 54.4470** is the 20% darker color. If you saturate the color by 10%, you get **73.7230, 75.6820, 82.1940**, and if you desaturate by 10%, it is **86.2610, 67.9350, 73.9110**.

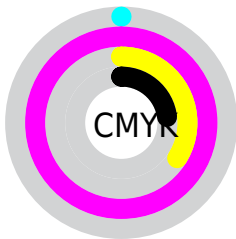
Distribution



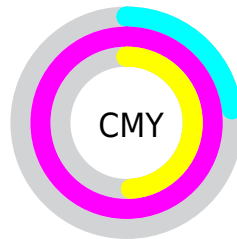
- Red (77%)
- Green (0%)
- Blue (51%)



- Red (77%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.7230, 75.6820, 82.1940 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 73.7230, 75.6820, 82.1940 by changing the saturation by 10% instead.


 73.7230, 75.6820,
82.1940


 73.7230, 75.6820,
82.1940


255.0000, -0.0000,
-0.0000

 61.9030, 65.8270,
68.0590


 148.1760, 69.3120,
65.4720


 50.4960, 56.2470,
54.4470


 169.5650, 51.7990,
57.9670


 38.9040, 45.7500,
40.9340


 189.7800, 34.8360,
51.5080

 28.0240, 36.1240,
28.1560

 208.6270, 21.7250,
41.3170

 16.9160, 27.1400,
14.7560

 226.2370, 13.4750,
25.6270

 1.1960, 2.3840,
0.8480

 243.8470, 5.2250,

 0.0000, 0.0000,

9.9370

0.0000

■ 73.7230, 75.6820,
82.1940

■ 86.2610, 67.9350,
73.9110

■ 98.0980, 60.7840,
65.8400

■ 110.6360, 53.0370,
57.5570

■ 123.1740, 45.2900,
49.2740

■ 135.7120, 37.5430,
40.9910

■ 147.5490, 30.3920,
32.9200

■ 160.0870, 22.6450,
24.6370

■ 172.6250, 14.8980,
16.3540

■ 184.4620, 7.7470,
8.2830

Harmonies

Analogous

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



102.7360, 11.7730, 56.4850



73.7230, 75.6820, 82.1940



69.4600, 100.6270, 65.1310

Triad

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



73.7230, 75.6820, 82.1940



92.3660, 23.7110, -38.7610



96.0780, -96.9240, -5.5640

Complementary

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



73.7230, 75.6820, 82.1940



123.2770, -75.6820, -82.1940

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.



91.0960, -80.1400, -23.4040



73.7230, 75.6820, 82.1940



71.6140, -33.5500, -63.8060

Square

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



73.7230, 75.6820, 82.1940



97.0710, 61.9910, -16.6410



83.0990, -59.0000, -43.0960



94.9160, -104.6750, 8.2610

Rectangle

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



73.7230, 75.6820, 82.1940



87.1510, 95.6820, 28.0820



83.0990, -59.0000, -43.0960



95.4280, -92.3380, -11.5860

Sweetspot

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



73.7230, 75.6820, 82.1940



207.4240, 29.2460, 31.6620



42.1920, -23.9010, 75.2590



99.1740, 17.7860, 19.0820



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.



73.7230, 75.6820, 82.1940



95.3970, 98.0520, 106.3080



62.6650, 106.8190, 52.0270



93.3750, 3.4380, 3.7740



61.0490, 62.4800, 68.1440



13.5000, 13.7520, 15.0960

Inverse Universe

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



73.7230, 75.6820, 82.1940



95.3970, 98.0520, 106.3080



134.3350, -106.8190, -52.0270



93.3750, 3.4380, 3.7740



61.0490, 62.4800, 68.1440



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 73.7230, 75.6820, 82.1940 looks on a white background.

Color Contrast Check

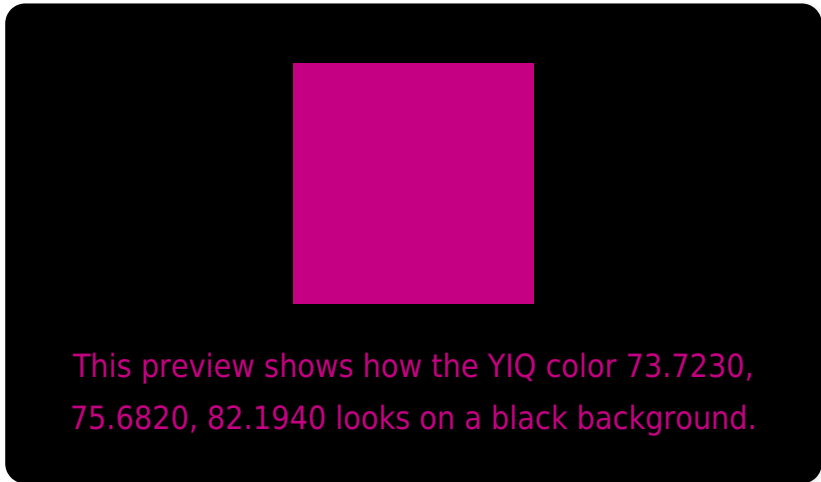
Large Text (above 18pt) WCAG AA ✓ Pass

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

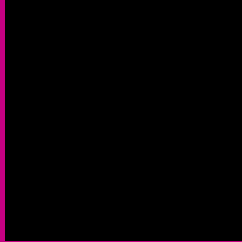
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.7230, 75.6820, 82.1940

Background



This preview shows how black text looks on a background with the YIQ color 73.7230, 75.6820, 82.1940.



This preview shows how white text looks on a background with the YIQ color 73.7230, 75.6820,

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

73.7230, 75.6820, 82.1940

Protanopia

101.1110, -47.8240, 18.7040

Deuteranopia

105.9600, -2.5230, 7.1810



Tritanopia

93.3870, 83.3940, 30.5140

Trichromacy



Original Color

73.7230, 75.6820, 82.1940



Protanomaly

91.1650, -3.2170, 41.7990



Deuteranomaly

94.1510, 25.7610, 34.2490



Tritanomaly

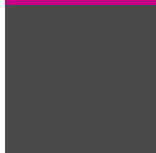
86.0240, 80.8230, 49.5830

Monochromacy



Original Color

73.7230, 75.6820, 82.1940



Achromatopsia

74.0000, -0.0000, 0.0000



Achromatomaly

73.8860, 27.8250, 29.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7230, 75.6820, 82.1940 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(197, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 130)  
}
```

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(197, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 130) }
```

Border

The CSS property to change the border of an element to YIQ 73.7230, 75.6820, 82.1940 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(197, 0, 130) }
```


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

```
.border{ border-color:rgb(197, 0, 130) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 0,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 73.7230, 75.6820, 82.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 130) }
```

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

```
.background{ background-color: rgb(197, 0,  
130) }
```

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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