

Converting Colors

YIQ(105.2290, 70.9610, 74.1370)

Have a look what the booklet for
YIQ(105.2290, 70.9610, 74.1370)
contains.

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Color

**YIQ(105.2290, 70.9610,
74.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2699
RGB	219, 38, 153
RGB Percent	86%, 15%, 60%
CMY	0.1407, 0.8512, 0.3998
CMYK	0.00, 0.83, 0.30, 0.14
HSL	322°, 72%, 50%
HSV	322°, 83%, 86%
XYZ	35.6965, 18.7629, 31.8984
YIQ	105.2290, 70.9610, 74.1370

Conversions

Conversions Part 2

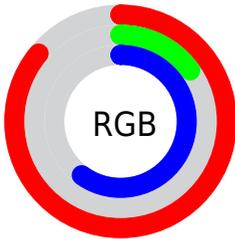
Format	Color
R_{YB}	219, 38, 153
Decimal	14362265
CIE _{Lab}	50.41, 74.50, -18.33
CIE _{LCh}	50, 76.723, 346.175
Yxy	18.7629, 0.4134, 0.2173
Android (android.graphics.Color)	4292552345 (0xFFDB2699)
YUV	105.2290, 23.5511, 99.7772
Hunter-Lab	43.3161, 71.2973, -13.3405

Details

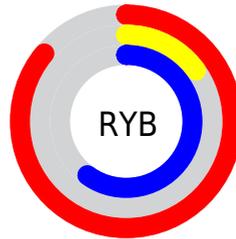
The YIQ color **105.2290, 70.9610, 74.1370** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **151.7710, -70.9610, -74.1370**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0650, 56.3830, 62.9990**, and **59.1690, 62.0220, 65.4300** is the 20% darker color. If you saturate the color by 10%, you get **91.4030, 79.5790, 83.1550**, and if you desaturate by 10%, it is **119.0550, 62.3430, 65.1190**.

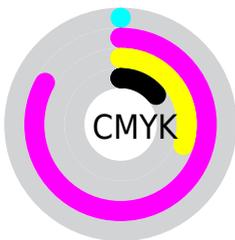
Distribution



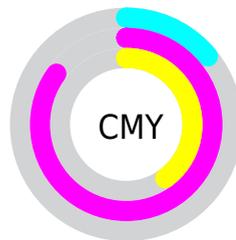
- Red (86%)
- Green (15%)
- Blue (60%)



- Red (86%)
- Yellow (15%)
- Blue (60%)



- Cyan (0%)
- Magenta (83%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.2290, 70.9610, 74.1370 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 105.2290, 70.9610, 74.1370 by changing the saturation by 10% instead.

 105.2290, 70.9610,
74.1370

 105.2290, 70.9610,
74.1370

255.0000, -0.0000,
-0.0000

 70.9890, 71.8770,
79.5650

 162.0650, 56.3830,
62.9990

 59.1690, 62.0220,
65.4300

 182.9810, 38.8240,
56.3280

 47.7620, 52.4420,
51.8180

 202.1700, 24.7500,
47.0700

 36.1700, 41.9450,
38.3050

 219.7800, 16.5000,
31.3800

 26.0020, 33.1900,
26.2620

 237.3900, 8.2500,
15.6900

 13.8400, 24.2980,
11.1940

 0.0000, 0.0000,

0.0000

■ 105.2290, 70.9610,
74.1370

■ 105.2290, 70.9610,
74.1370

■ 91.4030, 79.5790,
83.1550

■ 119.0550, 62.3430,
65.1190

■ 81.3270, 85.9050,
89.6570

■ 132.8810, 53.7250,
56.1010

■ 146.7070, 45.1070,
47.0830

■ 160.5330, 36.4890,
38.0650

■ 174.3590, 27.8710,
29.0470

■ 187.5980, 19.5280,
20.5520

■ 201.4240, 10.9100,
11.5340

■ 215.2500, 2.2920,
2.5160

■ 229.0760, -6.3260,
-6.5020

Harmonies

Analogous

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



121.6370, 7.7380, 58.0260



105.2290, 70.9610, 74.1370



97.0100, 101.7740, 60.8620

Triad

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



105.2290, 70.9610, 74.1370



108.9230, 32.1480, -42.9880



110.0980, -108.8440, -9.8040

Complementary

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



105.2290, 70.9610, 74.1370



151.7710, -70.9610, -74.1370

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.



104.5460, -90.4550, -29.1990



105.2290, 70.9610, 74.1370



82.2940, -38.8210, -72.9090

Square

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



105.2290, 70.9610, 74.1370



113.0520, 72.1700, -19.3980



95.5060, -67.7560, -49.6120



108.6910, -117.2830, 5.4770

Rectangle

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



105.2290, 70.9610, 74.1370



105.6680, 101.5960, 31.0360



95.5060, -67.7560, -49.6120



108.6330, -103.3410, -15.9250

Sweetspot

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



105.2290, 70.9610, 74.1370



214.8100, 24.9830, 26.3190



77.4710, -20.5530, 69.6470



103.5110, 15.2190, 16.0430



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.



105.2290, 70.9610, 74.1370



96.5880, 98.8320, 103.1840



95.1970, 99.2090, 46.7690



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Inverse Universe

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



105.2290, 70.9610, 74.1370



96.5880, 98.8320, 103.1840



161.8030, -99.2090, -46.7690



103.0870, 4.3090, 4.5090



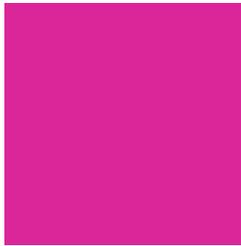
64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 105.2290, 70.9610, 74.1370 looks on a white background.

Color Contrast Check

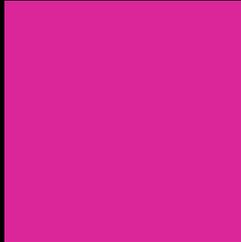
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 105.2290, 70.9610, 74.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

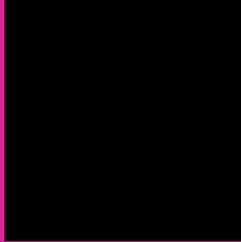
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 105.2290, 70.9610, 74.1370

Background



This preview shows how black text looks on a background with the YIQ color 105.2290, 70.9610, 74.1370.



This preview shows how white text looks on a background with the YIQ color 105.2290, 70.9610,

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

105.2290, 70.9610, 74.1370

Protanopia

117.1260, -52.1800, 20.5560

Deuteranopia

121.8610, -6.5580, 8.7220



Tritanopia

111.8110, 85.1360, 31.9840

Trichromacy



Original Color

105.2290, 70.9610, 74.1370

Protanomaly

112.9580, -7.0680, 40.0040

Deuteranomaly

115.9440, 21.9100, 32.4540

Tritanomaly

109.2580, 80.0440, 47.1800

Monochromacy



Original Color

105.2290, 70.9610, 74.1370

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.4080, 26.1750, 26.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.2290, 70.9610, 74.1370 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(219, 38, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 38, 153)  
}
```

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(219, 38, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 38, 153) }
```

Border

The CSS property to change the border of an element to YIQ 105.2290, 70.9610, 74.1370 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(219, 38, 153) }
```

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

```
.border{ border-color:rgb(219, 38, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 38, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 38, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 38, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 38,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 105.2290, 70.9610, 74.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 38, 153) }
```

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

```
.background{ background-color: rgb(219, 38,  
153) }
```

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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