

Converting Colors

YIQ(79.6060, 72.0580, 92.8100)

Have a look what the booklet for
YIQ(79.6060, 72.0580, 92.8100)
contains.

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Color

**YIQ(79.6060, 72.0580,
92.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	CE009E
RGB	206, 0, 158
RGB Percent	81%, 0%, 62%
CMY	0.1916, 0.9999, 0.3802
CMYK	0.00, 1.00, 0.23, 0.19
HSL	314°, 100%, 40%
HSV	314°, 100%, 81%
XYZ	31.6704, 15.6134, 33.7110
YIQ	79.6060, 72.0580, 92.8100

Conversions

Conversions Part 2

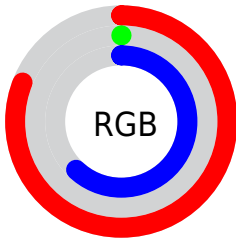
Format	Color
R_{YB}	206, 0, 158
Decimal	13500574
CIE _{Lab}	46.46, 77.40, -27.61
CIE _{LCh}	46, 82.175, 340.370
Yxy	15.6134, 0.3910, 0.1928
Android (android.graphics.Color)	4291690654 (0xFFCE009E)
YUV	79.6060, 38.6482, 110.8475
Hunter-Lab	39.5137, 73.9194, -22.9235

Details

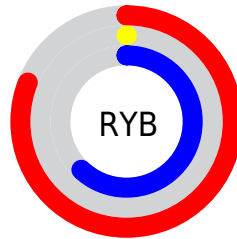
The YIQ color **79.6060, 72.0580, 92.8100** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **126.3940, -72.0580, -92.8100**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9440, 58.5820, 72.7100**, and **56.0370, 53.5860, 64.1300** is the 20% darker color. If you saturate the color by 10%, you get **79.6060, 72.0580, 92.8100**, and if you desaturate by 10%, it is **92.5030, 64.6780, 83.3820**.

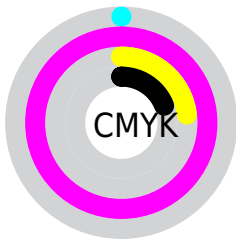
Distribution



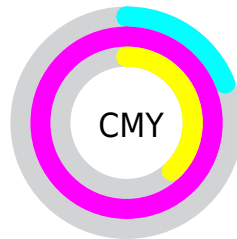
- Red (81%)
- Green (0%)
- Blue (62%)



- Red (81%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.6060, 72.0580, 92.8100 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 79.6060, 72.0580, 92.8100 by changing the saturation by 10% instead.


 79.6060, 72.0580,
92.8100

 79.6060, 72.0580,
92.8100


255.0000, -0.0000,
-0.0000


 67.6720, 62.5240,
78.3640


 153.9440, 58.5820,
72.7100


 56.0370, 53.5860,
64.1300


 174.7460, 41.3440,
65.7280


 44.6300, 44.0060,
50.5180


 193.9520, 28.6000,
54.3920

 33.2230, 34.4260,
36.9060

 211.5620, 20.3500,
38.7020

 22.6420, 25.3960,
24.3400

 229.1720, 12.1000,
23.0120

 10.5230, 14.9450,
9.9930

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 79.6060, 72.0580,
92.8100

■ 92.5030, 64.6780,
83.3820

■ 104.8130, 57.5730,
74.4770

■ 117.5960, 50.5140,
64.7380

■ 129.9060, 43.4090,
55.8330

■ 142.8030, 36.0290,
46.4050

■ 155.7000, 28.6490,
36.9770

■ 168.0100, 21.5440,
28.0720

■ 180.9070, 14.1640,
18.6440

■ 193.6900, 7.1050,
8.9050

Harmonies

Analogous

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



110.9000, -9.1800, 56.2600



79.6060, 72.0580, 92.8100



77.8340, 105.8060, 75.9020

Triad

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



79.6060, 72.0580, 92.8100



101.2920, 35.7230, -36.1890



103.1050, -101.5540, -9.7620

Complementary

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



79.6060, 72.0580, 92.8100



126.3940, -72.0580, -92.8100

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.



96.1680, -80.6430, -30.8110



79.6060, 72.0580, 92.8100



77.8160, -31.3030, -65.9830

Square

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



79.6060, 72.0580, 92.8100



103.0730, 76.8450, -10.5070



86.0850, -56.3850, -51.9450



103.8980, -113.4320, 7.2720

Rectangle

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



79.6060, 72.0580, 92.8100



79.4160, 111.9540, 52.5780



86.0850, -56.3850, -51.9450



101.4120, -95.4090, -16.5050

Sweetspot

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



79.6060, 72.0580, 92.8100



208.3360, 26.6780, 34.1500



37.8360, -37.5180, 74.2420



99.7440, 16.1810, 20.6370



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.



79.6060, 72.0580, 92.8100



98.4750, 89.3850, 114.7050



67.8640, 105.1210, 60.7770



95.9020, 3.3920, 4.6080



64.1120, 58.1690, 74.6890



14.6680, 13.3390, 17.0750

Inverse Universe

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



79.6060, 72.0580, 92.8100



98.4750, 89.3850, 114.7050



138.1360, -105.1210, -60.7770



95.9020, 3.3920, 4.6080



64.1120, 58.1690, 74.6890



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 79.6060, 72.0580, 92.8100 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



This preview shows how the YIQ color 79.6060, 72.0580, 92.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

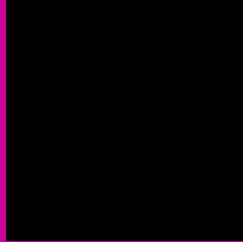
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.6060, 72.0580, 92.8100

Background



This preview shows how black text looks on a background with the YIQ color 79.6060, 72.0580, 92.8100.



This preview shows how white text looks on a background with the YIQ color 79.6060, 72.0580,

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

79.6060, 72.0580, 92.8100

Protanopia

99.0980, -81.3400, 20.3880

Deuteranopia

112.2390, -16.3700, 10.3340



Tritanopia

103.3050, 80.6890, 29.9770

Trichromacy



Original Color

79.6060, 72.0580, 92.8100



Protanomaly

92.3060, -25.3630, 46.6770



Deuteranomaly

100.5770, 15.9940, 40.5540



Tritanomaly

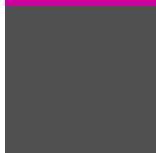
94.5770, 77.8880, 53.2160

Monochromacy



Original Color

79.6060, 72.0580, 92.8100



Achromatopsia

80.0000, 0.0000, -0.0000



Achromatomaly

79.9230, 26.4030, 33.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.6060, 72.0580, 92.8100 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(206, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 158)  
}
```

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(206, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 158) }
```

Border

The CSS property to change the border of an element to YIQ 79.6060, 72.0580, 92.8100 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(206, 0, 158) }
```


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

```
.border{ border-color:rgb(206, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(206, 0,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 79.6060, 72.0580, 92.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 158) }
```

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

```
.background{ background-color: rgb(206, 0,  
158) }
```

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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