

Converting Colors

YIQ(77.2290, 62.9340, 92.9660)

Have a look what the booklet for
YIQ(77.2290, 62.9340, 92.9660)
contains.

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Color

**YIQ(77.2290, 62.9340,
92.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	C300A6
RGB	195, 0, 166
RGB Percent	76%, 0%, 65%
CMY	0.2347, 0.9999, 0.3489
CMYK	0.00, 1.00, 0.15, 0.23
HSL	309°, 100%, 38%
HSV	309°, 100%, 77%
XYZ	29.4288, 14.3757, 37.3150
YIQ	77.2290, 62.9340, 92.9660

Conversions

Conversions Part 2

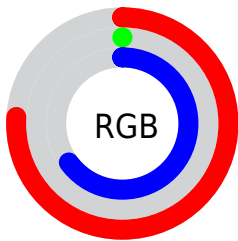
Format	Color
RYB	195, 0, 166
Decimal	12779686
CIELab	44.77, 76.33, -35.19
CIELCh	45, 84.052, 335.250
Yxy	14.3757, 0.3628, 0.1772
Android (android.graphics.Color)	4290969766 (0xFFC300A6)
YUV	77.2290, 43.7641, 103.2852
Hunter-Lab	37.9153, 72.1952, -31.8106

Details

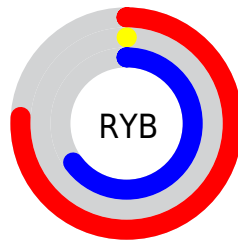
The YIQ color **77.2290, 62.9340, 92.9660** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **117.7710, -62.9340, -92.9660**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.7960, 56.2430, 76.5550**, and **53.5460, 44.7830, 63.9750** is the 20% darker color. If you saturate the color by 10%, you get **77.2290, 62.9340, 92.9660**, and if you desaturate by 10%, it is **89.3110, 56.4710, 83.4390**.

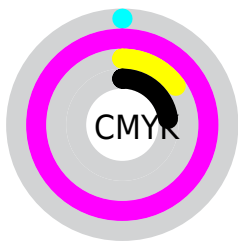
Distribution



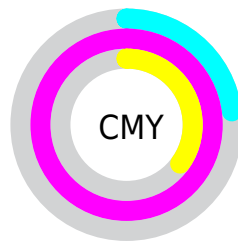
- Red (76%)
- Green (0%)
- Blue (65%)



- Red (76%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.2290, 62.9340, 92.9660 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 77.2290, 62.9340, 92.9660 by changing the saturation by 10% instead.


 77.2290, 62.9340,
92.9660


 77.2290, 62.9340,
92.9660


255.0000, -0.0000,
-0.0000


 65.4800, 54.3170,
78.4210


 153.7960, 56.2430,
76.5550


 53.9590, 45.0580,
64.4980


 174.5980, 39.0050,
69.5730


 42.4380, 35.7990,
50.5750


 192.7780, 29.1500,
55.4380

 31.3300, 26.8150,
37.1750

 209.8010, 21.1750,
40.2710

 20.6350, 18.1060,
24.2980

 227.4110, 12.9250,
24.5810

 6.9500, 3.4370,
9.3010

 245.0210, 4.6750,

 0.0000, 0.0000,

8.8910

0.0000

■ 77.2290, 62.9340,
92.9660

■ 89.3110, 56.4710,
83.4390

■ 100.8060, 50.2830,
74.4350

■ 112.8880, 43.8200,
64.9080

■ 124.3830, 37.6320,
55.9040

■ 136.4650, 31.1690,
46.3770

■ 147.9600, 24.9810,
37.3730

■ 159.9280, 18.8390,
27.5350

■ 171.4230, 12.6510,
18.5310

■ 183.5050, 6.1880,
9.0040

Harmonies

Analogous

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



105.1690, -26.2350, 51.4690



77.2290, 62.9340, 92.9660



77.7350, 101.7710, 77.4430

Triad

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



77.2290, 62.9340, 92.9660



98.9770, 41.2240, -31.2560



99.8620, -96.5560, -12.2360

Complementary

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



77.2290, 62.9340, 92.9660



117.7710, -62.9340, -92.9660

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.



91.4090, -74.1320, -33.1720



77.2290, 62.9340, 92.9660



82.0680, -14.1570, -57.3330

Square

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



77.2290, 62.9340, 92.9660



97.8120, 82.2540, -3.9060



80.9840, -48.9110, -55.2390



101.9260, -110.6350, 6.1410

Rectangle

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



77.2290, 62.9340, 92.9660



71.4090, 113.8320, 62.6000



80.9840, -48.9110, -55.2390



97.3540, -89.4940, -19.0780

Sweetspot

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



77.2290, 62.9340, 92.9660



206.7210, 24.1560, 35.8040



30.0040, -47.0990, 66.1570



100.2000, 14.8970, 21.8810



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.



77.2290, 62.9340, 92.9660



99.8580, 81.1770, 120.2890



66.5130, 93.1080, 63.7320



90.9020, 3.3920, 4.6080



63.7570, 51.9790, 76.7390



13.0590, 10.6800, 15.7040

Inverse Universe

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



77.2290, 62.9340, 92.9660



99.8580, 81.1770, 120.2890



128.6010, -93.4290, -63.4210



90.9020, 3.3920, 4.6080



63.7570, 51.9790, 76.7390



13.0590, 10.6800, 15.7040

Previews

White Background



This preview shows how the YIQ color 77.2290, 62.9340, 92.9660 looks on a white background.

Color Contrast Check

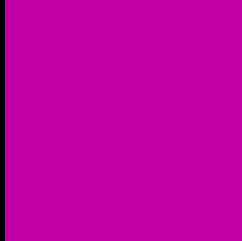
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.2290, 62.9340, 92.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

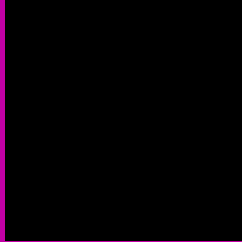
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2290, 62.9340, 92.9660

Background



This preview shows how black text looks on a background with the YIQ color 77.2290, 62.9340, 92.9660.



This preview shows how white text looks on a background with the YIQ color 77.2290, 62.9340,

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

77.2290, 62.9340, 92.9660

Protanopia

86.2420, -99.5410, 14.3390

Deuteranopia

107.2040, -26.4570, 11.4230



Tritanopia

101.9340, 71.4280, 27.1080

Trichromacy



Original Color

77.2290, 62.9340, 92.9660



Protanomaly

82.8850, -40.3550, 43.0450



Deuteranomaly

96.4280, 6.2280, 41.3320



Tritanomaly

92.7330, 68.5810, 51.1810

Monochromacy



Original Color

77.2290, 62.9340, 92.9660



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

77.0690, 23.0560, 33.7120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2290, 62.9340, 92.9660 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(195, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 166)  
}
```

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(195, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 166) }
```

Border

The CSS property to change the border of an element to YIQ 77.2290, 62.9340, 92.9660 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(195, 0, 166) }
```


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

```
.border{ border-color:rgb(195, 0, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 0, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(195, 0,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 77.2290, 62.9340, 92.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 166) }
```

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

```
.background{ background-color: rgb(195, 0,  
166) }
```

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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