

Converting Colors

YIQ(76.6980, 85.9980, 82.4620)

Have a look what the booklet for
YIQ(76.6980, 85.9980, 82.4620)
contains.

YIQ(76.6980, 85.9980, 82.4620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(76.6980, 85.9980,
82.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	D2007A
RGB	210, 0, 122
RGB Percent	82%, 0%, 48%
CMY	0.1759, 0.9998, 0.5213
CMYK	0.00, 1.00, 0.42, 0.18
HSL	325°, 100%, 41%
HSV	325°, 100%, 82%
XYZ	30.1369, 15.1299, 19.7648
YIQ	76.6980, 85.9980, 82.4620

Conversions

Conversions Part 2

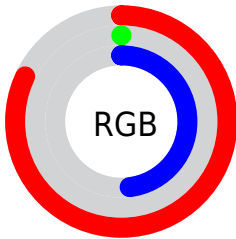
Format	Color
R_{YB}	210, 0, 122
Decimal	13762682
CIE _{Lab}	45.81, 74.52, -6.67
CIE _{LCh}	46, 74.818, 354.885
Yxy	15.1299, 0.4634, 0.2327
Android (android.graphics.Color)	4291952762 (0xFFD2007A)
YUV	76.6980, 22.3339, 116.9059
Hunter-Lab	38.8972, 70.2289, -2.8989

Details

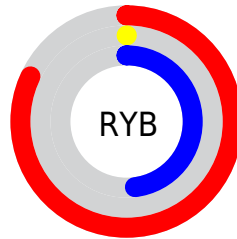
The YIQ color **76.6980, 85.9980, 82.4620** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **133.3020, -85.9980, -82.4620**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.9110, 71.3760, 61.1040**, and **52.9870, 65.0500, 54.6020** is the 20% darker color. If you saturate the color by 10%, you get **76.6980, 85.9980, 82.4620**, and if you desaturate by 10%, it is **90.0510, 77.3340, 74.2780**.

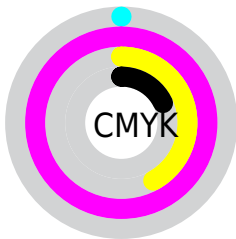
Distribution



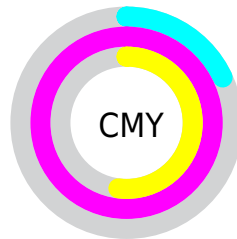
- Red (82%)
- Green (0%)
- Blue (48%)



- Red (82%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.6980, 85.9980, 82.4620 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 76.6980, 85.9980, 82.4620 by changing the saturation by 10% instead.


 76.6980, 85.9980,
82.4620


 76.6980, 85.9980,
82.4620


255.0000, -0.0000,
-0.0000


 64.8780, 76.1430,
68.3270


 148.9110, 71.3760,
61.1040


 52.9870, 65.0500,
54.6020


 169.7130, 54.1380,
54.1220


 41.3950, 54.5530,
41.0890


 190.5150, 36.9000,
47.1400

 30.3300, 44.0100,
28.4100

 210.9750, 20.6250,
39.2250

 18.8800, 35.9890,
14.0770

 228.5850, 12.3750,
23.5350

 7.8880, 15.1750,
5.8230

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 76.6980, 85.9980,
82.4620

■ 90.0510, 77.3340,
74.2780

■ 103.4040, 68.6700,
66.0940

■ 116.6430, 60.3270,
57.5990

■ 129.9960, 51.6630,
49.4150

■ 143.3490, 42.9990,
41.2310

■ 156.7020, 34.3350,
33.0470

■ 170.0550, 25.6710,
24.8630

■ 183.4080, 17.0070,
16.6790

■ 196.6470, 8.6640,
8.1840

Harmonies

Analogous

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



106.5100, 27.2690, 61.9970



76.6980, 85.9980, 82.4620



86.0770, 99.6670, 49.4830

Triad

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



76.6980, 85.9980, 82.4620



94.6590, 15.2760, -45.5880



100.9510, -103.7560, -2.8920

Complementary

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



76.6980, 85.9980, 82.4620



133.3020, -85.9980, -82.4620

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.



97.4850, -88.4850, -20.8450



76.6980, 85.9980, 82.4620



79.1600, -43.7750, -60.2150

Square

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



76.6980, 85.9980, 82.4620



102.0330, 55.9860, -23.4540



89.4880, -67.3450, -40.5370



97.2300, -108.4350, 10.3250

Rectangle

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



76.6980, 85.9980, 82.4620



95.9470, 95.7760, 15.3600



89.4880, -67.3450, -40.5370



100.5290, -99.8120, -8.2920

Sweetspot

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



76.6980, 85.9980, 82.4620



206.7400, 31.1720, 29.7960



50.2520, -14.9620, 83.9660



98.7180, 19.0700, 17.8380



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.



76.6980, 85.9980, 82.4620



93.1170, 104.4720, 100.0880



64.8420, 119.3820, 50.1180



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560

Inverse Universe

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



76.6980, 85.9980, 82.4620



93.1170, 104.4720, 100.0880



145.2720, -119.7030, -49.8070



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560

Previews

White Background



This preview shows how the YIQ color 76.6980, 85.9980, 82.4620 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 76.6980, 85.9980, 82.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

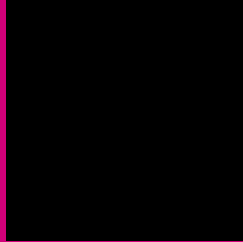
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.6980, 85.9980, 82.4620

Background



This preview shows how black text looks on a background with the YIQ color 76.6980, 85.9980, 82.4620.



This preview shows how white text looks on a background with the YIQ color 76.6980, 85.9980,

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

76.6980, 85.9980, 82.4620

Protanopia

109.3480, -35.4900, 15.4380

Deuteranopia

111.5710, 5.8220, 4.6220



Tritanopia

95.3560, 93.8470, 33.8070

Trichromacy



Original Color

76.6980, 85.9980, 82.4620



Protanomaly

97.4560, 9.0250, 40.2010



Deuteranomaly

98.8870, 35.2520, 32.9480



Tritanomaly

89.0530, 91.0470, 51.5190

Monochromacy



Original Color

76.6980, 85.9980, 82.4620



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

76.7400, 31.1720, 29.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.6980, 85.9980, 82.4620 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(210, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(210, 0, 122)  
}
```

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(210, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 122) }
```

Border

The CSS property to change the border of an element to YIQ 76.6980, 85.9980, 82.4620 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(210, 0, 122) }
```


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

```
.border{ border-color:rgb(210, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(210, 0,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 76.6980, 85.9980, 82.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 122) }
```

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

```
.background{ background-color: rgb(210, 0,  
122) }
```

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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