

Converting Colors

YIQ(76.5000, 77.9280, 85.5440)

Have a look what the booklet for
YIQ(76.5000, 77.9280, 85.5440)
contains.

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Color

**YIQ(76.5000, 77.9280,
85.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0088
RGB	204, 0, 136
RGB Percent	80%, 0%, 53%
CMY	0.1994, 0.9999, 0.4665
CMYK	0.00, 1.00, 0.33, 0.20
HSL	320°, 100%, 40%
HSV	320°, 100%, 80%
XYZ	29.3893, 14.6370, 24.5882
YIQ	76.5000, 77.9280, 85.5440

Conversions

Conversions Part 2

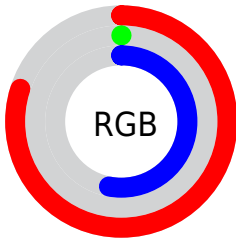
Format	Color
RYB	204, 0, 136
Decimal	13369480
CIELab	45.13, 74.60, -16.39
CIELCh	45, 76.382, 347.609
Yxy	14.6370, 0.4283, 0.2133
Android (android.graphics.Color)	4291559560 (0xFFCC0088)
YUV	76.5000, 29.3335, 111.8175
Hunter-Lab	38.2583, 70.1685, -11.3242

Details

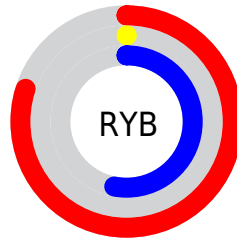
The YIQ color **76.5000, 77.9280, 85.5440** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **127.5000, -77.9280, -85.5440**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.0340, 66.8360, 66.2920**, and **52.8600, 58.2180, 57.2740** is the 20% darker color. If you saturate the color by 10%, you get **76.5000, 77.9280, 85.5440**, and if you desaturate by 10%, it is **89.0380, 70.1810, 77.2610**.

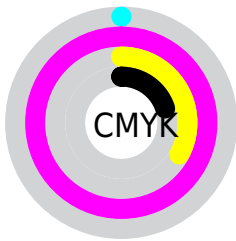
Distribution



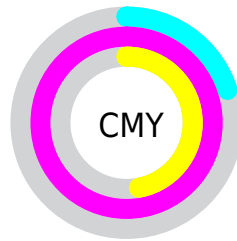
- Red (80%)
- Green (0%)
- Blue (53%)



- Red (80%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (20%)




- Cyan (20%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.5000, 77.9280, 85.5440 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 76.5000, 77.9280, 85.5440 by changing the saturation by 10% instead.


 76.5000, 77.9280,
85.5440


 76.5000, 77.9280,
85.5440


255.0000, -0.0000,
-0.0000


 64.6800, 68.0730,
71.4090


 150.0340, 66.8360,
66.2920


 52.8600, 58.2180,
57.2740


 171.4230, 49.3230,
58.7870


 41.5670, 48.3170,
43.9730


 191.7520, 32.0390,
52.6390

 30.3880, 38.0950,
30.9830

 210.3880, 20.9000,
39.7480

 19.5080, 28.4690,
18.2050

 227.9980, 12.6500,
24.0580

 6.8770, 13.7080,
4.8760

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 76.5000, 77.9280,
85.5440

■ 89.0380, 70.1810,
77.2610

■ 102.1630, 62.1590,
68.4550

■ 114.5870, 54.7330,
59.8610

■ 127.7120, 46.7110,
51.0550

■ 140.2500, 38.9640,
42.7720

■ 153.3750, 30.9420,
33.9660

■ 165.9130, 23.1950,
25.6830

■ 178.4510, 15.4480,
17.4000

■ 191.4620, 7.7470,
8.2830

Harmonies

Analogous

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



106.6050, 10.7640, 58.2520



76.5000, 77.9280, 85.5440



72.3080, 104.1110, 68.0710

Triad

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



76.5000, 77.9280, 85.5440



95.9100, 24.9950, -40.0050



99.8110, -100.5460, -6.0020

Complementary

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



76.5000, 77.9280, 85.5440



127.5000, -77.9280, -85.5440

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.



94.4870, -82.7990, -24.7750



76.5000, 77.9280, 85.5440



73.9620, -34.6500, -65.8980

Square

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



76.5000, 77.9280, 85.5440



100.6260, 64.7420, -16.9380



86.2620, -61.0170, -45.0890



98.1760, -108.3430, 8.6570

Rectangle

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



76.5000, 77.9280, 85.5440



90.0590, 98.9370, 29.6650



86.2620, -61.0170, -45.0890



99.0470, -95.6390, -12.3350

Sweetspot

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



76.5000, 77.9280, 85.5440



207.4240, 29.2460, 31.6620



43.5880, -24.9560, 77.8600



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.



76.5000, 77.9280, 85.5440



95.6250, 97.4100, 106.9300



64.8720, 110.6700, 53.8220



95.7880, 3.7130, 4.2970



62.1740, 63.6260, 69.4020



14.2120, 14.6230, 15.8310

Inverse Universe

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



76.5000, 77.9280, 85.5440



95.6250, 97.4100, 106.9300



139.1280, -110.6700, -53.8220



95.7880, 3.7130, 4.2970



62.1740, 63.6260, 69.4020



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 76.5000, 77.9280, 85.5440 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 76.5000, 77.9280, 85.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

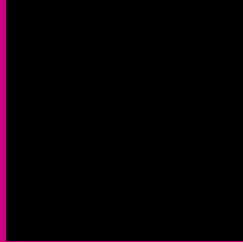
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.5000, 77.9280, 85.5440

Background



This preview shows how black text looks on a background with the YIQ color 76.5000, 77.9280, 85.5440.



This preview shows how white text looks on a background with the YIQ color 76.5000, 77.9280,

85.5440.

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

76.5000, 77.9280, 85.5440

Protanopia

104.3710, -51.4920, 19.1000

Deuteranopia

109.8890, -3.7610, 7.5910



Tritanopia

97.5830, 85.7780, 31.3620

Trichromacy



Original Color

76.5000, 77.9280, 85.5440



Protanomaly

94.0340, -4.2260, 43.5660



Deuteranomaly

97.5040, 26.2650, 36.1290



Tritanomaly

89.7470, 83.1610, 51.2650

Monochromacy



Original Color

76.5000, 77.9280, 85.5440



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

76.7120, 28.3750, 30.9270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.5000, 77.9280, 85.5440 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(204, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 136)  
}
```

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(204, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 136) }
```

Border

The CSS property to change the border of an element to YIQ 76.5000, 77.9280, 85.5440 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(204, 0, 136) }
```


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

```
.border{ border-color:rgb(204, 0, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 76.5000, 77.9280, 85.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 136) }
```

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

```
.background{ background-color: rgb(204, 0,  
136) }
```

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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