

Converting Colors

YIQ(83.3620, 95.9920, 88.5680)

Have a look what the booklet for
YIQ(83.3620, 95.9920, 88.5680)
contains.

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Color

**YIQ(83.3620, 95.9920,
88.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	E60080
RGB	230, 0, 128
RGB Percent	90%, 0%, 50%
CMY	0.0974, 0.9998, 0.4978
CMYK	0.00, 1.00, 0.44, 0.10
HSL	327°, 100%, 45%
HSV	327°, 100%, 90%
XYZ	36.5855, 18.4099, 22.0721
YIQ	83.3620, 95.9920, 88.5680

Conversions

Conversions Part 2

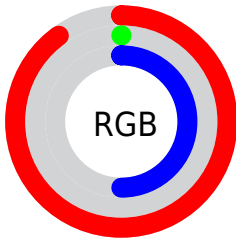
Format	Color
R_{YB}	230, 0, 128
Decimal	15073408
CIE _{Lab}	49.99, 79.28, -3.71
CIE _{LCh}	50, 79.363, 357.319
Yxy	18.4099, 0.4747, 0.2389
Android (android.graphics.Color)	4293263488 (0xFFE60080)
YUV	83.3620, 22.0065, 128.6015
Hunter-Lab	42.9067, 77.1157, -0.4653

Details

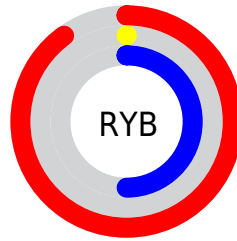
The YIQ color **83.3620, 95.9920, 88.5680** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **146.6380, -95.9920, -88.5680**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0570, 68.0290, 61.1890**, and **59.2380, 74.7690, 60.1850** is the 20% darker color. If you saturate the color by 10%, you get **83.3620, 95.9920, 88.5680**, and if you desaturate by 10%, it is **98.0030, 86.4570, 79.6490**.

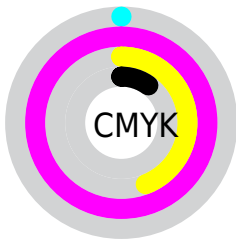
Distribution



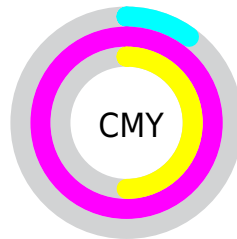
- Red (90%)
- Green (0%)
- Blue (50%)



- Red (90%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.3620, 95.9920, 88.5680 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 83.3620, 95.9920, 88.5680 by changing the saturation by 10% instead.


 83.3620, 95.9920,
88.5680


 83.3620, 95.9920,
88.5680


255.0000, -0.0000,
-0.0000


 71.2430, 85.5410,
74.2210


 152.0570, 68.0290,
61.1890


 59.2380, 74.7690,
60.1850


 173.9190, 50.5620,
52.8500


 47.4610, 63.3550,
46.7710


 194.7210, 33.3240,
45.8680

 35.9830, 52.5370,
33.5690

 214.4970, 18.9750,
36.0870

 25.1030, 42.9110,
20.7910

 232.1070, 10.7250,
20.3970

 14.2810, 27.3700,
10.5860

 250.3040, 2.2000,

 0.0000, 0.0000,

4.1840

0.0000

■ 83.3620, 95.9920,
88.5680

■ 98.0030, 86.4570,
79.6490

■ 112.6440, 76.9220,
70.7300

■ 127.3990, 67.0660,
62.1220

■ 142.0400, 57.5310,
53.2030

■ 156.6810, 47.9960,
44.2840

■ 171.3220, 38.4610,
35.3650

■ 186.0770, 28.6050,
26.7570

■ 200.7180, 19.0700,
17.8380

■ 215.3590, 9.5350,
8.9190

Harmonies

Analogous

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



115.5050, 34.8330, 68.0890



83.3620, 95.9920, 88.5680



97.5570, 107.0030, 48.6910

Triad

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



83.3620, 95.9920, 88.5680



102.8880, 12.8930, -51.9630



110.5030, -114.1180, -2.3260

Complementary

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



83.3620, 95.9920, 88.5680



146.6380, -95.9920, -88.5680

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.



106.8090, -98.2050, -20.9010



83.3620, 95.9920, 88.5680



87.5720, -50.9270, -62.7590

Square

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



83.3620, 95.9920, 88.5680



111.7680, 58.0500, -27.8220



98.3560, -75.7810, -41.8370



105.3800, -117.6050, 11.3150

Rectangle

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



83.3620, 95.9920, 88.5680



105.7320, 103.5710, 11.7550



98.3560, -75.7810, -41.8370



109.9670, -109.8530, -8.0370

Sweetspot

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



83.3620, 95.9920, 88.5680



206.5120, 31.8140, 29.1740



56.1200, -14.2300, 92.7300



98.6040, 19.3910, 17.5270



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.



83.3620, 95.9920, 88.5680



92.4330, 106.3980, 98.2220



70.4800, 132.2650, 53.4250



107.3860, 4.9050, 4.7210



64.8070, 74.9050, 68.7370



18.4410, 21.4080, 19.5200

Inverse Universe

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



83.3620, 95.9920, 88.5680



92.4330, 106.3980, 98.2220



159.5200, -132.2650, -53.4250



107.3860, 4.9050, 4.7210



64.8070, 74.9050, 68.7370



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 83.3620, 95.9920, 88.5680 looks on a white background.

Color Contrast Check

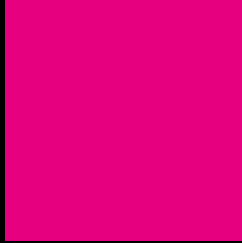
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.3620, 95.9920, 88.5680 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 83.3620, 95.9920, 88.5680

Background



This preview shows how black text looks on a background with the YIQ color 83.3620, 95.9920, 88.5680.

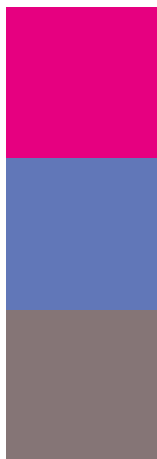


This preview shows how white text looks on a background with the YIQ color 83.3620, 95.9920,

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

83.3620, 95.9920, 88.5680

Protanopia

119.8320, -33.9770, 15.5510

Deuteranopia

121.8980, 9.2150, 3.7030



Tritanopia

103.4390, 103.9790, 37.4110

Trichromacy



Original Color

83.3620, 95.9920, 88.5680



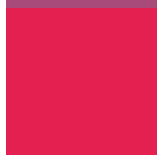
Protanomaly

106.6630, 12.8760, 41.9960



Deuteranomaly

107.5780, 40.6160, 34.8560



Tritanomaly

96.0760, 101.4080, 56.4800

Monochromacy



Original Color

83.3620, 95.9920, 88.5680



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.3600, 35.2980, 32.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.3620, 95.9920, 88.5680 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(230, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 128)  
}
```

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(230, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 128) }
```

Border

The CSS property to change the border of an element to YIQ 83.3620, 95.9920, 88.5680 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(230, 0, 128) }
```


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

```
.border{ border-color:rgb(230, 0, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 0, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 83.3620, 95.9920, 88.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 128) }
```

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

```
.background{ background-color: rgb(230, 0,  
128) }
```

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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