

Converting Colors

YIQ(98.7150, 87.3280, 80.3840)

Have a look what the booklet for
YIQ(98.7150, 87.3280, 80.3840)
contains.

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Color

**YIQ(98.7150, 87.3280,
80.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	E8178B
RGB	232, 23, 139
RGB Percent	91%, 9%, 55%
CMY	0.0896, 0.9100, 0.4546
CMYK	0.00, 0.90, 0.40, 0.09
HSL	327°, 82%, 50%
HSV	327°, 90%, 91%
XYZ	38.2955, 19.6554, 26.2267
YIQ	98.7150, 87.3280, 80.3840

Conversions

Conversions Part 2

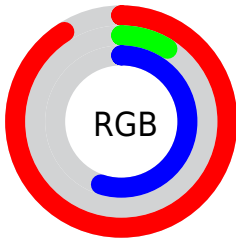
Format	Color
R_{YB}	232, 23, 139
Decimal	15210379
CIE _{Lab}	51.45, 78.58, -8.15
CIE _{LCh}	51, 79.004, 354.076
Yxy	19.6554, 0.4549, 0.2335
Android (android.graphics.Color)	4293400459 (0xFFE8178B)
YUV	98.7150, 19.8605, 116.8909
Hunter-Lab	44.3345, 76.6007, -4.0397

Details

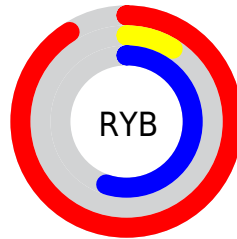
The YIQ color **98.7150, 87.3280, 80.3840** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **156.2850, -87.3280, -80.3840**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.4200, 62.5730, 60.9490**, and **60.9760, 72.7510, 63.7190** is the 20% darker color. If you saturate the color by 10%, you get **84.0740, 96.8630, 89.3030**, and if you desaturate by 10%, it is **113.3560, 77.7930, 71.4650**.

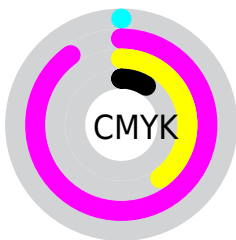
Distribution



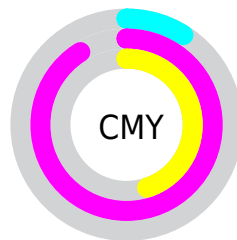
- Red (91%)
- Green (9%)
- Blue (55%)



- Red (91%)
- Yellow (9%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.7150, 87.3280, 80.3840 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 98.7150, 87.3280, 80.3840 by changing the saturation by 10% instead.


 98.7150, 87.3280,
80.3840


 98.7150, 87.3280,
80.3840


255.0000, -0.0000,
-0.0000

 73.0950, 83.2020,
78.0660


 157.4200, 62.5730,
60.9490


 60.9760, 72.7510,
63.7190


 178.8090, 45.0600,
53.4440

 49.3840, 62.2540,
50.2060


 199.7250, 27.5010,
46.7730

 37.9060, 51.4360,
37.0040

 218.0190, 17.3250,
32.9490

 27.2540, 41.1680,
24.8480

 235.6290, 9.0750,
17.2590

 15.4770, 29.7540,
11.4340

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 98.7150, 87.3280,
80.3840

■ 98.7150, 87.3280,
80.3840

■ 84.0740, 96.8630,
89.3030

■ 113.3560, 77.7930,
71.4650

■ 128.1110, 67.9370,
62.8570

■ 143.3390, 58.1270,
53.4150

■ 157.9800, 48.5920,
44.4960

■ 172.7350, 38.7360,
35.8880

■ 187.3760, 29.2010,
26.9690

■ 202.0170, 19.6660,
18.0500

■ 217.3590, 9.5350,
8.9190

■ 232.0000, -0.0000,
0.0000

Harmonies

Analogous

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



121.6180, 27.0850, 65.3330



98.7150, 87.3280, 80.3840



101.3660, 106.2230, 51.8150

Triad

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



98.7150, 87.3280, 80.3840



107.9490, 20.0910, -50.2530



113.3240, -115.1720, -5.2520

Complementary

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



98.7150, 87.3280, 80.3840



156.2850, -87.3280, -80.3840

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.



108.7010, -98.0210, -24.2370



98.7150, 87.3280, 80.3840



88.6490, -49.8260, -66.1940

Square

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



98.7150, 87.3280, 80.3840



115.3450, 63.7350, -26.2250



100.2480, -75.5970, -45.1730



108.9020, -119.2550, 8.1770

Rectangle

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



98.7150, 87.3280, 80.3840



109.9480, 103.2030, 18.4270



100.2480, -75.5970, -45.1730



112.0870, -110.3110, -10.7510

Sweetspot

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



98.7150, 87.3280, 80.3840



210.9630, 28.9260, 26.4460



74.0350, -12.8530, 84.2910



101.7670, 17.3740, 15.5340



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.



98.7150, 87.3280, 80.3840



92.4330, 106.3980, 98.2220



87.0870, 120.0700, 48.6620



109.9730, 4.6300, 4.1980



65.5190, 75.7760, 69.4720



19.5660, 22.5540, 20.7780

Inverse Universe

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



98.7150, 87.3280, 80.3840



92.4330, 106.3980, 98.2220



167.9130, -120.0700, -48.6620



109.9730, 4.6300, 4.1980



65.5190, 75.7760, 69.4720



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 98.7150, 87.3280, 80.3840 looks on a white background.

Color Contrast Check

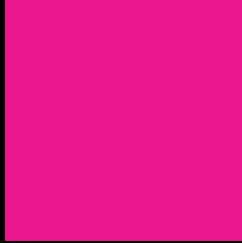
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7150, 87.3280, 80.3840 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 98.7150, 87.3280, 80.3840

Background



This preview shows how black text looks on a background with the YIQ color 98.7150, 87.3280, 80.3840.



This preview shows how white text looks on a background with the YIQ color 98.7150, 87.3280,

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

98.7150, 87.3280, 80.3840

Protanopia

121.8900, -39.8920, 18.1240

Deuteranopia

124.9130, 4.8590, 5.5550



Tritanopia

109.0580, 100.6780, 36.6620

Trichromacy



Original Color

98.7150, 87.3280, 80.3840



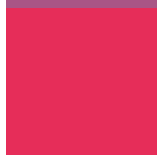
Protanomaly

113.3140, 6.5490, 41.0210



Deuteranomaly

115.5880, 34.6560, 32.7360



Tritanomaly

105.3310, 96.1360, 52.9040

Monochromacy



Original Color

98.7150, 87.3280, 80.3840



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

98.6260, 31.4930, 29.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.7150, 87.3280, 80.3840 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(232, 23, 139)` looks like.

```
.text, #text, p{  
    color:rgb(232, 23, 139)  
}
```

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(232, 23, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 139) }
```

Border

The CSS property to change the border of an element to YIQ 98.7150, 87.3280, 80.3840 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(232, 23, 139) }
```


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

```
.border{ border-color:rgb(232, 23, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 23, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 139);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 98.7150, 87.3280, 80.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 139) }
```

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

```
.background{ background-color: rgb(232, 23,  
139) }
```

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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