

Converting Colors

YIQ(88.9970, 95.7620, 92.7380)

Have a look what the booklet for
YIQ(88.9970, 95.7620, 92.7380)
contains.

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Color

**YIQ(88.9970, 95.7620,
92.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	EE038D
RGB	238, 3, 141
RGB Percent	93%, 1%, 55%
CMY	0.0660, 0.9884, 0.4468
CMYK	0.00, 0.99, 0.41, 0.07
HSL	325°, 98%, 47%
HSV	325°, 99%, 93%
XYZ	40.1596, 20.1938, 27.0076
YIQ	88.9970, 95.7620, 92.7380

Conversions

Conversions Part 2

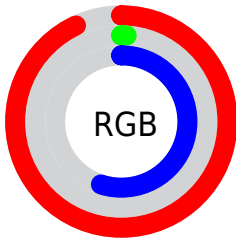
Format	Color
R_{YB}	238, 3, 141
Decimal	15598477
CIE _{Lab}	52.06, 81.85, -8.33
CIE _{LCh}	52, 82.271, 354.192
Yxy	20.1938, 0.4597, 0.2312
Android (android.graphics.Color)	4293788557 (0xFFEE038D)
YUV	88.9970, 25.6375, 130.6756
Hunter-Lab	44.9375, 80.8805, -4.1773

Details

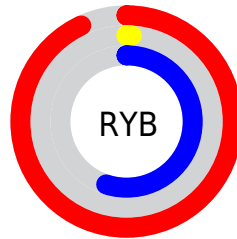
The YIQ color **88.9970, 95.7620, 92.7380** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **152.0030, -95.7620, -92.7380**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.4140, 62.7100, 63.9740**, and **62.9980, 75.6850, 65.6130** is the 20% darker color. If you saturate the color by 10%, you get **87.1220, 96.9080, 93.9960**, and if you desaturate by 10%, it is **104.2250, 85.9520, 83.2960**.

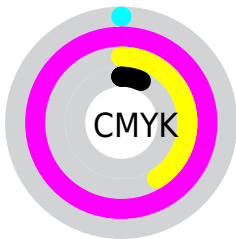
Distribution



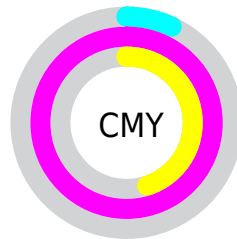
- Red (93%)
- Green (1%)
- Blue (55%)



- Red (93%)
- Yellow (1%)
- Blue (55%)



- Cyan (0%)
- Magenta (99%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (99%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.9970, 95.7620, 92.7380 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 88.9970, 95.7620, 92.7380 by changing the saturation by 10% instead.


 88.9970, 95.7620,
92.7380


 88.9970, 95.7620,
92.7380


255.0000, -0.0000,
-0.0000


 75.1170, 86.1360,
79.9600


 155.4140, 62.7100,
63.9740


 62.9980, 75.6850,
65.6130


 177.2760, 45.2430,
55.6350

 51.1070, 64.5920,
51.8880


 198.1920, 27.6840,
48.9640

 39.6290, 53.7740,
38.6860

 216.8450, 17.8750,
33.9950

 28.6780, 42.9100,
26.3180

 234.4550, 9.6250,
18.3050

 16.9720, 32.7340,
12.4940

 252.6520, 1.1000,

 3.5880, 7.1520,

2.0920

2.5440

■ 0.0000, 0.0000,
0.0000

■ 88.9970, 95.7620,
92.7380

■ 88.9970, 95.7620,
92.7380

■ 87.1220, 96.9080,
93.9960

■ 104.2250, 85.9520,
83.2960

■ 119.4530, 76.1420,
73.8540

■ 134.0940, 66.6070,
64.9350

■ 149.2080, 57.1180,
55.1820

■ 164.4360, 47.3080,
45.7400

■ 179.6640, 37.4980,
36.2980

■ 194.8920, 27.6880,
26.8560

■ 209.5330, 18.1530,
17.9370

■ 224.7610, 8.3430,
8.4950

Harmonies

Analogous

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



122.5090, 29.0100, 68.9940



88.9970, 95.7620, 92.7380



98.4640, 111.9990, 57.2710

Triad

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



88.9970, 95.7620, 92.7380



108.8240, 18.9450, -51.5110



115.2960, -117.9690, -4.1210

Complementary

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



88.9970, 95.7620, 92.7380



152.0030, -95.7620, -92.7380

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.



110.9180, -100.1300, -24.5620



88.9970, 95.7620, 92.7380



90.0680, -49.6880, -68.6960

Square

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



88.9970, 95.7620, 92.7380



117.1170, 64.3770, -26.8470



102.1230, -76.7430, -46.4310



110.0760, -119.8050, 7.1310

Rectangle

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



88.9970, 95.7620, 92.7380



109.8130, 108.0170, 19.2890



102.1230, -76.7430, -46.4310



114.5320, -113.0620, -10.4540

Sweetspot

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



88.9970, 95.7620, 92.7380



206.7400, 31.1720, 29.7960



57.8960, -19.4110, 93.0130



98.8320, 18.7490, 18.1490



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.



88.9970, 95.7620, 92.7380



93.3450, 103.8300, 100.7100



75.8870, 132.6770, 56.9730



112.3860, 4.9050, 4.7210



67.3280, 74.9960, 72.5960



20.5060, 22.7830, 22.1350

Inverse Universe

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



88.9970, 95.7620, 92.7380



93.3450, 103.8300, 100.7100



165.1130, -132.6770, -56.9730



112.3860, 4.9050, 4.7210



67.3280, 74.9960, 72.5960



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 88.9970, 95.7620, 92.7380 looks on a white background.

Color Contrast Check

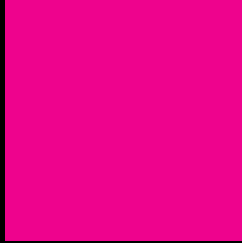
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9970, 95.7620, 92.7380 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 88.9970, 95.7620, 92.7380

Background



This preview shows how black text looks on a background with the YIQ color 88.9970, 95.7620, 92.7380.



This preview shows how white text looks on a background with the YIQ color 88.9970, 95.7620,

92.7380.

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

88.9970, 95.7620, 92.7380

Protanopia

123.6340, -42.0470, 18.6330

Deuteranopia

126.9130, 4.8590, 5.5550



Tritanopia

109.0370, 105.1710, 37.8350

Trichromacy



Original Color

88.9970, 95.7620, 92.7380



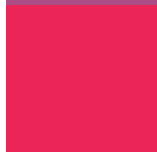
Protanomaly

110.8460, 8.1070, 45.8270



Deuteranomaly

113.4900, 38.0480, 37.3440



Tritanomaly

102.0160, 101.6370, 57.8370

Monochromacy



Original Color

88.9970, 95.7620, 92.7380



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

89.1150, 34.6100, 33.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9970, 95.7620, 92.7380 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(238, 3, 141)` looks like.

```
.text, #text, p{  
    color:rgb(238, 3, 141)  
}
```

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(238, 3, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 3, 141) }
```

Border

The CSS property to change the border of an element to YIQ 88.9970, 95.7620, 92.7380 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(238, 3, 141) }
```


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

```
.border{ border-color:rgb(238, 3, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 3, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 3, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 3, 141);  
box-shadow:4px 4px 4px 4px rgb(238, 3,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9970, 95.7620, 92.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 3, 141) }
```

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

```
.background{ background-color: rgb(238, 3,  
141) }
```

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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