

# Converting Colors

YIQ(95.8870, 99.4280, 103.3960)

Have a look what the booklet for  
YIQ(95.8870, 99.4280, 103.3960)  
contains.

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# Color

**YIQ(95.8870, 99.4280,  
103.3960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF02A2
RGB	255, 2, 162
RGB Percent	100%, 1%, 64%
CMY	0.0000, 0.9923, 0.3644
CMYK	0.00, 0.99, 0.36, 0.00
HSL	322°, 100%, 50%
HSV	322°, 99%, 100%
XYZ	47.7883, 23.9122, 36.3114
YIQ	95.8870, 99.4280, 103.3960

# Conversions

## Conversions Part 2

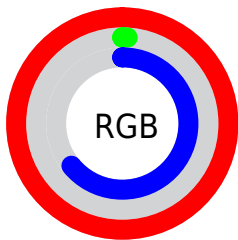
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 2, 162
Decimal	16712354
CIELab	56.00, 87.24, -14.56
CIELCh	56, 88.448, 350.527
Yxy	23.9122, 0.4424, 0.2214
Android (android.graphics.Color)	4294902434 (0xFFFF02A2)
YUV	95.8870, 32.5937, 139.5421
Hunter-Lab	48.9001, 88.8663, -9.7965

# Details

The YIQ color **95.8870, 99.4280, 103.3960** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **161.1130, -99.4280, -103.3960**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **160.2700, 54.5480, 68.7240**, and **69.9480, 79.1220, 74.9140** is the 20% darker color. If you saturate the color by 10%, you get **94.5990, 100.2990, 104.1310**, and if you desaturate by 10%, it is **111.5880, 89.6640, 93.1200**.

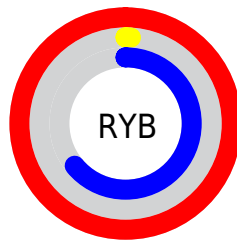
# Distribution



Red (100%)

Green (1%)

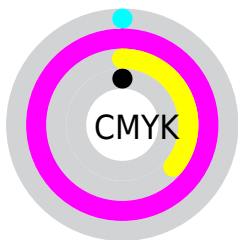
Blue (64%)



Red (100%)

Yellow (1%)

Blue (64%)

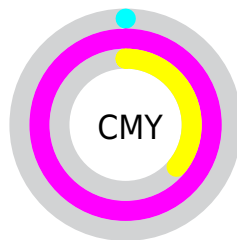


Cyan (0%)

Magenta (99%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (99%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8870, 99.4280, 103.3960 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 95.8870, 99.4280, 103.3960 by changing the saturation by 10% instead.





 95.8870, 99.4280,  
103.3960


 95.8870, 99.4280,  
103.3960


255.0000, -0.0000,  
-0.0000


 82.1810, 89.2520,  
89.5720


 160.2700, 54.5480,  
68.7240


 69.9480, 79.1220,  
74.9140


 182.8330, 36.4850,  
60.1730

 57.9430, 68.3500,  
60.8780

 202.1700, 24.7500,  
47.0700

 46.3510, 57.8530,  
47.3650

 219.7800, 16.5000,  
31.3800

 34.5740, 46.4390,  
33.9510

 237.9770, 7.9750,  
15.1670

 23.5090, 35.8960,  
21.2720

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,  
0.0000

■ 95.8870, 99.4280,  
103.3960

■ 95.8870, 99.4280,  
103.3960

■ 94.5990, 100.2990,  
104.1310

■ 111.5880, 89.6640,  
93.1200

■ 127.9900, 79.3040,  
82.6320

■ 143.6910, 69.5400,  
72.3560

■ 160.0930, 59.1800,  
61.8680

■ 175.7940, 49.4160,  
51.5920

■ 192.0820, 39.3770,  
40.7930

■ 207.8970, 29.2920,  
30.8280

■ 224.1850, 19.2530,  
20.0290

■ 239.8860, 9.4890,  
9.7530

# Harmonies

## Analogous

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



133.6100, 21.5360, 72.2880



95.8870, 99.4280, 103.3960



95.4410, 119.9740, 72.4380

# Triad

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



95.8870, 99.4280, 103.3960



119.4890, 27.1980, -52.4020



124.5230, -126.0380, -6.5660

# Complementary

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



95.8870, 99.4280, 103.3960



161.1130, -99.4280, -103.3960

# 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.



118.6460, -105.3560, -28.9720



95.8870, 99.4280, 103.3960



94.2450, -46.2930, -80.6690

# Square

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



95.8870, 99.4280, 103.3960



126.3310, 75.5180, -25.0100



108.9390, -79.4010, -53.3290



117.7070, -123.3800, 0.3320



# Rectangle

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



95.8870, 99.4280, 103.3960



116.2970, 118.6980, 29.4660



108.9390, -79.4010, -53.3290



123.5310, -120.4890, -13.5210

# Sweetspot

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



95.8870, 99.4280, 103.3960



207.1960, 29.8880, 31.0400



58.6490, -25.7850, 98.3990



99.0600, 18.1070, 18.7710



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.



95.8870, 99.4280, 103.3960



94.5990, 100.2990, 104.1310



81.5230, 139.8740, 64.2100



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080



# Inverse Universe

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



95.8870, 99.4280, 103.3960



94.5990, 100.2990, 104.1310



175.4770, -139.8740, -64.2100



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080



# Previews

## White Background



This preview shows how the YIQ color 95.8870, 99.4280, 103.3960 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



## 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 95.8870, 99.4280, 103.3960

## Background



This preview shows how black text looks on a background with the YIQ color 95.8870, 99.4280, 103.3960.



This preview shows how white text looks on a background with the YIQ color 95.8870, 99.4280,



# 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

95.8870, 99.4280, 103.3960

### Protanopia

131.4400, -55.9400, 22.6200

### Deuteranopia

136.8570, -0.7350, 7.8170



## Tritanopia

119.5430, 109.6180, 39.8420

# Trichromacy



## Original Color

95.8870, 99.4280, 103.3960



## Protanomaly

118.6420, 0.1740, 51.9340



## Deuteranomaly

121.9830, 35.3420, 42.3340



## Tritanomaly

110.6300, 105.9000, 63.1800

# Monochromacy



## Original Color

95.8870, 99.4280, 103.3960



## Achromatopsia

96.0000, -0.0000, 0.0000



## Achromatomaly

96.1200, 36.2140, 37.5420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.8870, 99.4280, 103.3960 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(255, 2, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 162)  
}
```

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(255, 2, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 162) }
```

## Border

The CSS property to change the border of an element to YIQ 95.8870, 99.4280, 103.3960 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(255, 2, 162) }
```



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

```
.border{ border-color:rgb(255, 2, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 2, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 2,  
162) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.8870, 99.4280, 103.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 162) }
```

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

```
.background{ background-color: rgb(255, 2,  
162) }
```

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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