

Converting Colors

YIQ(97.2620, 76.5030, 105.8710)

Have a look what the booklet for
YIQ(97.2620, 76.5030, 105.8710)
contains.

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Color

**YIQ(97.2620, 76.5030,
105.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	EC08C1
RGB	236, 8, 193
RGB Percent	93%, 3%, 76%
CMY	0.0738, 0.9688, 0.2430
CMYK	0.00, 0.97, 0.18, 0.07
HSL	311°, 94%, 48%
HSV	311°, 97%, 93%
XYZ	44.3638, 21.8853, 52.3620
YIQ	97.2620, 76.5030, 105.8710

Conversions

Conversions Part 2

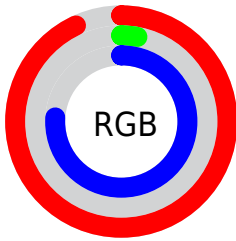
Format	Color
R_{YB}	236, 8, 193
Decimal	15468737
CIE _{Lab}	53.91, 86.54, -36.17
CIE _{LCh}	54, 93.791, 337.318
Yxy	21.8853, 0.3740, 0.1845
Android (android.graphics.Color)	4293658817 (0xFFEC08C1)
YUV	97.2620, 47.1988, 121.6732
Hunter-Lab	46.7817, 87.4063, -33.6152

Details

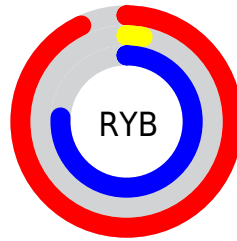
The YIQ color **97.2620, 76.5030, 105.8710** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **146.7380, -76.5030, -105.8710**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4450, 44.2300, 79.5100**, and **68.1710, 59.6810, 80.3290** is the 20% darker color. If you saturate the color by 10%, you get **92.4520, 79.0240, 109.7440**, and if you desaturate by 10%, it is **111.9200, 68.2980, 94.8740**.

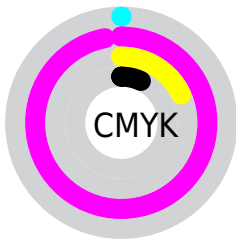
Distribution



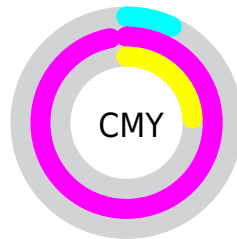
- Red (93%)
- Green (3%)
- Blue (76%)



- Red (93%)
- Yellow (3%)
- Blue (76%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (97%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2620, 76.5030, 105.8710 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 97.2620, 76.5030, 105.8710 by changing the saturation by 10% instead.

■ 97.2620, 76.5030,
105.8710

■ 97.2620, 76.5030,
105.8710

■ 255.0000, -0.0000,
-0.0000

■ 80.5180, 69.4900,
95.2980

■ 163.4450, 44.2300,
79.5100

■ 68.1710, 59.6810,
80.3290

■ 182.7990, 33.8250,
64.3290

■ 56.2370, 50.1470,
65.8830

■ 200.9960, 25.3000,
48.1160

■ 44.7160, 40.8880,
51.9600

■ 218.6060, 17.0500,
32.4260

■ 33.3090, 31.3080,
38.3480

■ 236.8030, 8.5250,
16.2130

■ 22.0160, 21.4070,
25.0470

■ 10.2390, 9.9930,

11.6330

■ 0.0000, 0.0000,
0.0000

■ 97.2620, 76.5030,
105.8710

■ 97.2620, 76.5030,
105.8710

■ 92.4520, 79.0240,
109.7440

■ 111.9200, 68.2980,
94.8740

■ 125.8770, 60.6890,
84.0890

■ 140.4210, 52.8050,
72.7810

■ 154.4920, 44.8750,
62.3070

■ 169.0360, 36.9910,
50.9990

■ 183.6940, 28.7860,
40.0020

■ 197.6510, 21.1770,
29.2170

■ 212.3090, 12.9720,
18.2200

■ 226.8530, 5.0880,
6.9120

Harmonies

Analogous

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



128.7880, -20.3680, 60.7840



97.2620, 76.5030, 105.8710



89.1270, 115.7070, 89.2030

Triad

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



97.2620, 76.5030, 105.8710



119.3440, 47.1400, -39.3560



120.2710, -116.8210, -13.9170

Complementary

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



97.2620, 76.5030, 105.8710



146.7380, -76.5030, -105.8710

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.



111.2650, -91.4620, -38.4860



97.2620, 76.5030, 105.8710



98.5150, -20.3900, -71.0300

Square

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



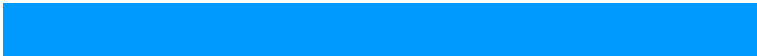
97.2620, 76.5030, 105.8710



119.9950, 94.6800, -8.8400



99.5860, -62.7100, -63.9740



119.4680, -124.2050, -1.2370

Rectangle

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



97.2620, 76.5030, 105.8710



83.1990, 132.3990, 73.0310



99.5860, -62.7100, -63.9740



118.1220, -109.3920, -21.9040

Sweetspot

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



97.2620, 76.5030, 105.8710



209.9660, 24.8440, 34.3480



46.5500, -48.1560, 79.8120



100.5590, 15.2640, 20.7360



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.



97.2620, 76.5030, 105.8710



99.8430, 85.5330, 118.4370



84.3800, 112.7760, 70.7280



110.3150, 3.6670, 5.1310



70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Inverse Universe

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



97.2620, 76.5030, 105.8710



99.8430, 85.5330, 118.4370



159.6200, -112.7760, -70.7280



110.3150, 3.6670, 5.1310



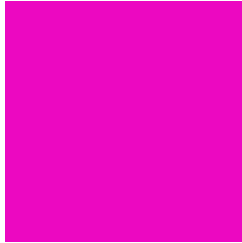
70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 97.2620, 76.5030, 105.8710 looks on a white background.

Color Contrast Check

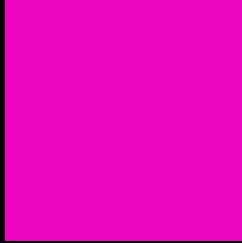
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.2620, 76.5030, 105.8710 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 97.2620, 76.5030, 105.8710

Background



This preview shows how black text looks on a background with the YIQ color 97.2620, 76.5030, 105.8710.



This preview shows how white text looks on a background with the YIQ color 97.2620, 76.5030,

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

97.2620, 76.5030, 105.8710

Protanopia

117.6830, -87.3010, 23.7950

Deuteranopia

129.5570, -25.9530, 13.3030



Tritanopia

121.6050, 88.7120, 33.2560

Trichromacy



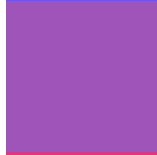
Original Color

97.2620, 76.5030, 105.8710



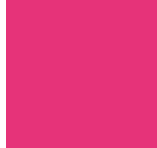
Protanomaly

110.1520, -27.5650, 53.5470



Deuteranomaly

117.6400, 11.6830, 47.0990



Tritanomaly

112.5010, 84.2140, 59.7180

Monochromacy



Original Color

97.2620, 76.5030, 105.8710



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

97.4550, 27.9610, 38.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2620, 76.5030, 105.8710 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(236, 8, 193)` looks like.

```
.text, #text, p{  
    color:rgb(236, 8, 193)  
}
```

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(236, 8, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 8, 193) }
```

Border

The CSS property to change the border of an element to YIQ 97.2620, 76.5030, 105.8710 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(236, 8, 193) }
```


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

```
.border{ border-color:rgb(236, 8, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 8, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 8, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 8, 193);  
box-shadow:4px 4px 4px 4px rgb(236, 8,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2620, 76.5030, 105.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 8, 193) }
```

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

```
.background{ background-color: rgb(236, 8,  
193) }
```

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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