

Converting Colors

YIQ(102.7360, 75.9490,
126.9330)

Have a look what the booklet for
YIQ(102.7360, 75.9490, 126.9330)
contains.

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Color

**YIQ(102.7360, 75.9490,
126.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	FE00EB
RGB	254, 0, 235
RGB Percent	100%, 0%, 92%
CMY	0.0032, 0.9998, 0.0783
CMYK	0.00, 1.00, 0.08, 0.00
HSL	305°, 100%, 50%
HSV	305°, 100%, 100%
XYZ	55.9429, 27.1069, 80.9040
YIQ	102.7360, 75.9490, 126.9330

Conversions

Conversions Part 2

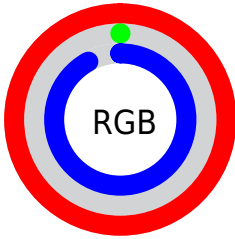
Format	Color
RYB	254, 0, 235
Decimal	16646379
CIELab	59.07, 95.43, -51.71
CIElCh	59, 108.543, 331.548
Yxy	27.1069, 0.3412, 0.1653
Android (android.graphics.Color)	4294836459 (0xFFFE00EB)
YUV	102.7360, 65.2062, 132.6585
Hunter-Lab	52.0643, 100.6854, -55.6872

Details

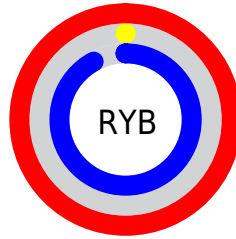
The YIQ color **102.7360, 75.9490, 126.9330** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **151.2640, -75.9490, -126.9330**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.3630, 41.5250, 78.9730**, and **77.7000, 57.2940, 96.0620** is the 20% darker color. If you saturate the color by 10%, you get **102.7360, 75.9490, 126.9330**, and if you desaturate by 10%, it is **117.6390, 68.4320, 114.4800**.

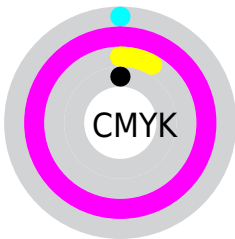
Distribution



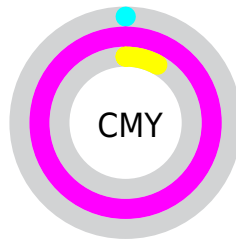
- Red (100%)
- Green (0%)
- Blue (92%)



- Red (100%)
- Yellow (0%)
- Blue (92%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 102.7360, 75.9490, 126.9330 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 102.7360, 75.9490, 126.9330 by changing the saturation by 10% instead.

 102.7360, 75.9490,
126.9330


 102.7360, 75.9490,
126.9330


255.0000, -0.0000,
-0.0000


 90.1610, 66.7820,
111.3420


 166.3630, 41.5250,
78.9730


 77.7000, 57.2940,
96.0620


 185.7340, 32.4500,
61.7140

 65.6520, 48.0810,
81.3050


 204.5180, 23.6500,
44.9780

 53.7180, 38.5470,
66.8590

 222.7150, 15.1250,
28.7650

 41.7840, 29.0130,
52.4130

 240.9120, 6.6000,
12.5520

 30.8610, 20.9460,
38.9140

 18.8560, 10.1740,

24.8780

■ 3.1920, -8.9880,
8.7080

■ 0.0000, 0.0000,
0.0000

■ 102.7360, 75.9490,
126.9330

■ 117.6390, 68.4320,
114.4800

■ 133.1290, 60.6400,
101.5040

■ 148.0320, 53.1230,
89.0510

■ 163.5220, 45.3310,
76.0750

■ 178.4250, 37.8140,
63.6220

■ 193.9150, 30.0220,
50.6460

■ 208.7040, 22.8260,
37.8820

■ 223.6070, 15.3090,
25.4290

■ 239.0970, 7.5170,
12.4530

Harmonies

Analogous

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



132.1780, -39.6220, 46.2820



102.7360, 75.9490, 126.9330



92.4330, 106.3980, 98.2220

Triad

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



102.7360, 75.9490, 126.9330



133.2980, 61.9490, -37.9150



133.1340, -126.8610, -19.1890

Complementary

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



102.7360, 75.9490, 126.9330



151.2640, -75.9490, -126.9330

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.



121.6030, -95.7700, -48.5220



102.7360, 75.9490, 126.9330



114.8060, -8.1480, -72.6280

Square

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



102.7360, 75.9490, 126.9330



128.9980, 116.9610, 0.3610



106.2420, -59.4060, -79.8060



131.2080, -129.7050, -11.6970

Rectangle

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



102.7360, 75.9490, 126.9330



85.3650, 126.3000, 78.9400



106.2420, -59.4060, -79.8060



129.6000, -116.9100, -28.8300

Sweetspot

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



102.7360, 75.9490, 126.9330



209.7040, 22.8260, 37.8820



34.0390, -71.4020, 82.5980



100.5420, 13.9340, 22.8140



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.



102.7360, 75.9490, 126.9330



103.1490, 76.2240, 127.4560



88.4860, 116.0740, 88.0580



120.2550, 3.8960, 6.4880



77.2870, 57.0190, 95.5390



25.8620, 19.2050, 31.9170

Inverse Universe

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



102.7360, 75.9490, 126.9330



103.1490, 76.2240, 127.4560



165.5140, -116.0740, -88.0580



120.2550, 3.8960, 6.4880



77.2870, 57.0190, 95.5390



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 102.7360, 75.9490, 126.9330 looks on a white background.

Color Contrast Check

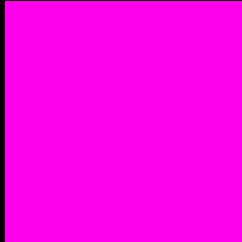
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.7360, 75.9490, 126.9330 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 102.7360, 75.9490, 126.9330

Background



This preview shows how black text looks on a background with the YIQ color 102.7360, 75.9490, 126.9330.



This preview shows how white text looks on a background with the YIQ color 102.7360, 75.9490,

126.9330.

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

102.7360, 75.9490, 126.9330

Protanopia

136.9640, -69.0990, 24.3170

Deuteranopia

140.2310, -48.2820, 15.9900



Tritanopia

137.2350, 86.8780, 33.4540

Trichromacy



Original Color

102.7360, 75.9490, 126.9330



Protanomaly

124.4680, -16.4710, 61.7450



Deuteranomaly

126.7220, -2.8070, 56.4010



Tritanomaly

125.0590, 82.8830, 67.3230

Monochromacy



Original Color

102.7360, 75.9490, 126.9330



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.1980, 27.5470, 45.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.7360, 75.9490, 126.9330 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(254, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 235)  
}
```

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(254, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 235) }
```

Border

The CSS property to change the border of an element to YIQ 102.7360, 75.9490, 126.9330 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(254, 0, 235) }
```


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

```
.border{ border-color:rgb(254, 0, 235) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 102.7360, 75.9490, 126.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 235) }
```

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

```
.background{ background-color: rgb(254, 0,  
235) }
```

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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