

Converting Colors

YIQ(90.7720, 75.1270, 108.7830)

Have a look what the booklet for
YIQ(90.7720, 75.1270, 108.7830)
contains.

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Color

**YIQ(90.7720, 75.1270,
108.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	E600C1
RGB	230, 0, 193
RGB Percent	90%, 0%, 76%
CMY	0.0974, 0.9998, 0.2430
CMYK	0.00, 1.00, 0.16, 0.10
HSL	310°, 100%, 45%
HSV	310°, 100%, 90%
XYZ	42.3176, 20.7031, 52.2400
YIQ	90.7720, 75.1270, 108.7830

Conversions

Conversions Part 2

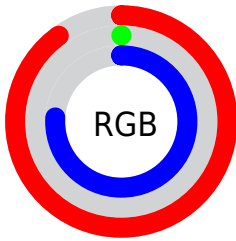
Format	Color
R_{YB}	230, 0, 193
Decimal	15073473
CIE _{Lab}	52.62, 86.01, -38.26
CIE _{LCh}	53, 94.131, 336.021
Yxy	20.7031, 0.3671, 0.1796
Android (android.graphics.Color)	4293263553 (0xFFE600C1)
YUV	90.7720, 50.3984, 122.1030
Hunter-Lab	45.5007, 86.3867, -36.2212

Details

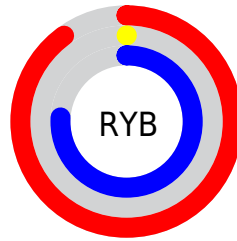
The YIQ color **90.7720, 75.1270, 108.7830** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **139.2280, -75.1270, -108.7830**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6840, 45.0550, 81.0790**, and **66.3770, 56.1050, 79.0570** is the 20% darker color. If you saturate the color by 10%, you get **90.7720, 75.1270, 108.7830**, and if you desaturate by 10%, it is **104.7290, 67.5180, 97.9980**.

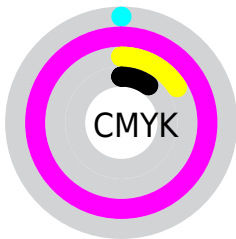
Distribution



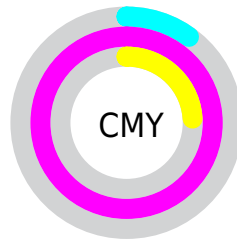
- Red (90%)
- Green (0%)
- Blue (76%)



- Red (90%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.7720, 75.1270, 108.7830 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 90.7720, 75.1270, 108.7830 by changing the saturation by 10% instead.


 90.7720, 75.1270,
108.7830


 90.7720, 75.1270,
108.7830


255.0000, -0.0000,
-0.0000


 78.7240, 65.9140,
94.0260


 161.6840, 45.0550,
81.0790


 66.6760, 56.7010,
79.2690


 181.0380, 34.6500,
65.8980

 54.7420, 47.1670,
64.8230


 199.2350, 26.1250,
49.6850

 43.2210, 37.9080,
50.9000

 216.8450, 17.8750,
33.9950

 31.8140, 28.3280,
37.2880

 235.0420, 9.3500,
17.7820

 20.5210, 18.4270,
23.9870

 252.6520, 1.1000,

 7.5480, 4.6290,

2.0920

9.7250

■ 0.0000, 0.0000,
0.0000

■ 90.7720, 75.1270,
108.7830

■ 104.7290, 67.5180,
97.9980

■ 118.5720, 60.2300,
86.9020

■ 132.5290, 52.6210,
76.1170

■ 146.4860, 45.0120,
65.3320

■ 160.4430, 37.4030,
54.5470

■ 174.2860, 30.1150,
43.4510

■ 188.2430, 22.5060,
32.6660

■ 202.2000, 14.8970,
21.8810

■ 216.0430, 7.6090,
10.7850

Harmonies

Analogous

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



125.2110, -26.0530, 59.1870



90.7720, 75.1270, 108.7830



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.



90.7720, 75.1270, 108.7830



116.6970, 47.6440, -37.4760



117.8260, -114.0700, -14.2140

Complementary

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



90.7720, 75.1270, 108.7830



139.2280, -75.1270, -108.7830

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.



108.2330, -88.4360, -38.2600



90.7720, 75.1270, 108.7830



97.0640, -17.5020, -68.3020

Square

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



90.7720, 75.1270, 108.7830



116.4620, 94.8630, -6.6490



96.4400, -59.3630, -64.0590



117.7070, -123.3800, 0.3320

Rectangle

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



90.7720, 75.1270, 108.7830



83.1990, 132.3990, 73.0310



96.4400, -59.3630, -64.0590



114.9760, -106.0450, -21.9890

Sweetspot

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



90.7720, 75.1270, 108.7830



209.0200, 24.7520, 36.0160



36.6850, -52.9700, 78.9500



100.0860, 15.2180, 21.5700



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.



90.7720, 75.1270, 108.7830



100.6410, 83.2860, 120.6140



78.0040, 111.0790, 73.9510



107.7280, 3.9420, 5.6540



70.6210, 58.5340, 84.5980



20.1510, 16.5930, 24.1850

Inverse Universe

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



90.7720, 75.1270, 108.7830



100.6410, 83.2860, 120.6140



152.1100, -111.4000, -73.6400



107.7280, 3.9420, 5.6540



70.6210, 58.5340, 84.5980



20.1510, 16.5930, 24.1850

Previews

White Background



This preview shows how the YIQ color 90.7720, 75.1270, 108.7830 looks on a white background.

Color Contrast Check

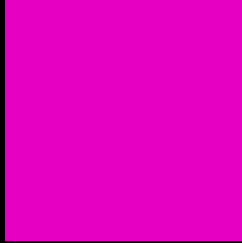
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.7720, 75.1270, 108.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

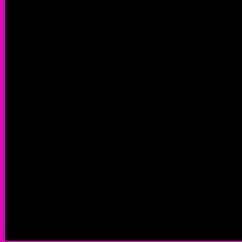
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 90.7720, 75.1270, 108.7830

Background



This preview shows how black text looks on a background with the YIQ color 90.7720, 75.1270, 108.7830.



This preview shows how white text looks on a background with the YIQ color 90.7720, 75.1270,

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

90.7720, 75.1270, 108.7830

Protanopia

111.7360, -94.8200, 22.3960

Deuteranopia

126.5890, -28.9790, 13.0770



Tritanopia

119.5120, 84.5400, 31.7720

Trichromacy



Original Color

90.7720, 75.1270, 108.7830



Protanomaly

103.9280, -32.7460, 53.8300



Deuteranomaly

113.4980, 9.2070, 47.9190



Tritanomaly

108.9460, 81.4630, 60.0150

Monochromacy



Original Color

90.7720, 75.1270, 108.7830



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

91.0960, 27.5940, 39.5780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.7720, 75.1270, 108.7830 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(230, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 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(230, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 193) }
```

Border

The CSS property to change the border of an element to YIQ 90.7720, 75.1270, 108.7830 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(230, 0, 193) }
```


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

```
.border{ border-color:rgb(230, 0, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 0, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 90.7720, 75.1270, 108.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 193) }
```

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

```
.background{ background-color: rgb(230, 0,  
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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