

Converting Colors

YIQ(125.1980, 73.3870, 96.2590)

Have a look what the booklet for
YIQ(125.1980, 73.3870, 96.2590)
contains.

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Color

**YIQ(125.1980, 73.3870,
96.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2BD0
RGB	255, 43, 208
RGB Percent	100%, 17%, 82%
CMY	0.0000, 0.8317, 0.1841
CMYK	0.00, 0.83, 0.18, 0.00
HSL	313°, 100%, 58%
HSV	313°, 83%, 100%
XYZ	53.4910, 27.5374, 62.1974
YIQ	125.1980, 73.3870, 96.2590

Conversions

Conversions Part 2

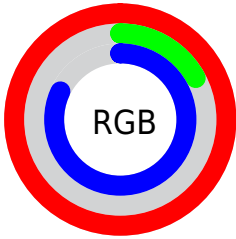
Format	Color
R _Y B	255, 43, 208
Decimal	16722896
CIE Lab	59.47, 87.52, -35.83
CIE LCh	59, 94.565, 337.736
Yxy	27.5374, 0.3735, 0.1923
Android (android.graphics.Color)	4294912976 (0xFFFF2BD0)
YUV	125.1980, 40.8214, 113.8364
Hunter-Lab	52.4761, 90.1188, -33.5402

Details

The YIQ color **125.1980, 73.3870, 96.2590** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **172.8020, -73.3870, -96.2590**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4070, 38.2250, 72.6970**, and **75.1490, 65.9150, 88.4990** is the 20% darker color. If you saturate the color by 10%, you get **109.2520, 82.4630, 107.9910**, and if you desaturate by 10%, it is **140.5570, 64.5860, 85.0500**.

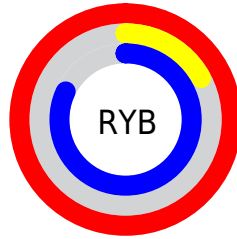
Distribution



Red (100%)

Green (17%)

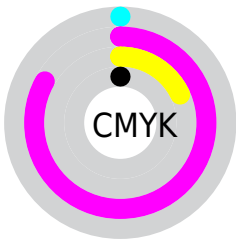
Blue (82%)



Red (100%)

Yellow (17%)

Blue (82%)

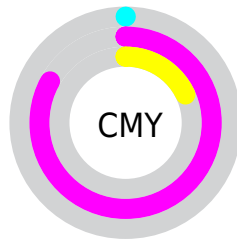


Cyan (0%)

Magenta (83%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.1980, 73.3870, 96.2590 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 125.1980, 73.3870, 96.2590 by changing the saturation by 10% instead.


 125.1980, 73.3870,
96.2590


 125.1980, 73.3870,
96.2590


255.0000, -0.0000,
-0.0000


 87.4960, 75.7240,
103.4680


 173.4070, 38.2250,
72.6970


 75.1490, 65.9150,
88.4990


 192.1910, 29.4250,
55.9610


 63.2150, 56.3810,
74.0530


 209.8010, 21.1750,
40.2710

 51.5800, 47.4430,
59.8190

 227.9980, 12.6500,
24.0580

 39.8740, 37.2670,
45.9950

 246.1950, 4.1250,
7.8450

 29.1790, 28.5580,
33.1180

 17.2880, 17.4650,

19.3930

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 125.1980, 73.3870,
96.2590

■ 125.1980, 73.3870,
96.2590

■ 109.2520, 82.4630,
107.9910

■ 140.5570, 64.5860,
85.0500

■ 98.9310, 88.1010,
115.9490

■ 156.3890, 55.8310,
73.0070

■ 171.7480, 47.0300,
61.7980

■ 187.6940, 37.9540,
50.0660

202.9390, 29.4740,
38.5460

218.8850, 20.3980,
26.8140

234.2440, 11.5970,
15.6050

250.0760, 2.8420,
3.5620

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



142.1000, -12.6190, 58.0130



125.1980, 73.3870, 96.2590



90.6090, 111.5340, 93.2460

Triad

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



125.1980, 73.3870, 96.2590



132.6340, 51.9550, -44.0210



131.7150, -126.9990, -16.6870

Complementary

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



125.1980, 73.3870, 96.2590



172.8020, -73.3870, -96.2590

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.



122.4810, -100.9980, -41.8780



125.1980, 73.3870, 96.2590



113.0010, -13.1910, -74.8470

Square

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



125.1980, 73.3870, 96.2590



133.8830, 100.6870, -13.0810



110.6880, -71.9250, -67.6770



128.2730, -128.3300, -9.0820

Rectangle

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



125.1980, 73.3870, 96.2590



104.4110, 119.5180, 58.6700



110.6880, -71.9250, -67.6770



129.4520, -119.2490, -24.9850

Sweetspot

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



125.1980, 73.3870, 96.2590



215.8360, 22.0940, 29.1180



80.9220, -40.6360, 75.6840



104.0810, 13.6140, 17.5980



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.



125.1980, 73.3870, 96.2590



98.9310, 88.1010, 115.9490



113.2280, 107.0920, 63.6040



120.0270, 4.5380, 5.8660



74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Inverse Universe

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



125.1980, 73.3870, 96.2590



98.9310, 88.1010, 115.9490



184.7720, -107.0920, -63.6040



120.0270, 4.5380, 5.8660



74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 125.1980, 73.3870, 96.2590 looks on a white background.

Color Contrast Check

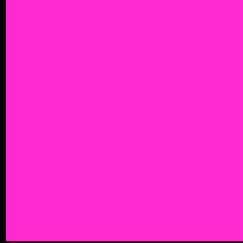
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1980, 73.3870, 96.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

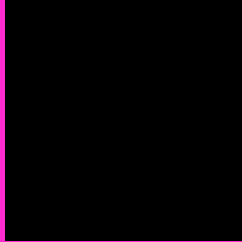
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.1980, 73.3870, 96.2590

Background



This preview shows how black text looks on a background with the YIQ color 125.1980, 73.3870, 96.2590.



This preview shows how white text looks on a background with the YIQ color 125.1980, 73.3870,

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

125.1980, 73.3870, 96.2590

Protanopia

137.5620, -67.9070, 24.7410

Deuteranopia

143.6710, -26.2740, 13.6140



Tritanopia

136.2140, 91.3710, 34.6270

Trichromacy



Original Color

125.1980, 73.3870, 96.2590



Protanomaly

133.3180, -16.4690, 50.6910



Deuteranomaly

137.0480, 10.3540, 43.6500



Tritanomaly

132.1050, 85.2690, 57.1170

Monochromacy



Original Color

125.1980, 73.3870, 96.2590



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.8630, 26.6320, 34.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.1980, 73.3870, 96.2590 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, 43, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 208)  
}
```

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, 43, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 208) }
```

Border

The CSS property to change the border of an element to YIQ 125.1980, 73.3870, 96.2590 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, 43, 208) }
```


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

```
.border{ border-color:rgb(255, 43, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 43, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 125.1980, 73.3870, 96.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 208) }
```

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

```
.background{ background-color: rgb(255, 43,  
208) }
```

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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