

Converting Colors

YIQ(122.6190, 70.0430, 79.7630)

Have a look what the booklet for
YIQ(122.6190, 70.0430, 79.7630)
contains.

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Color

**YIQ(122.6190, 70.0430,
79.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	EF34B5
RGB	239, 52, 181
RGB Percent	94%, 20%, 71%
CMY	0.0622, 0.7963, 0.2900
CMYK	0.00, 0.78, 0.24, 0.06
HSL	319°, 86%, 57%
HSV	319°, 78%, 94%
XYZ	45.2115, 24.1611, 46.0211
YIQ	122.6190, 70.0430, 79.7630

Conversions

Conversions Part 2

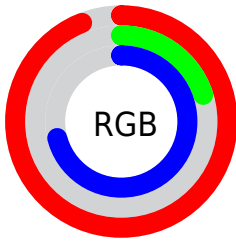
Format	Color
R _Y B	239, 52, 181
Decimal	15676597
CIE Lab	56.25, 78.89, -25.53
CIE LCh	56, 82.918, 342.070
Yxy	24.1611, 0.3918, 0.2094
Android (android.graphics.Color)	4293866677 (0xFFEF34B5)
YUV	122.6190, 28.7818, 102.0661
Hunter-Lab	49.1539, 78.1638, -21.1034

Details

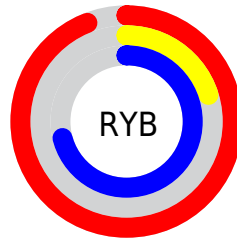
The YIQ color **122.6190, 70.0430, 79.7630** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **168.3810, -70.0430, -79.7630**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.5290, 43.4530, 66.0530**, and **67.8140, 65.0000, 77.5440** is the 20% darker color. If you saturate the color by 10%, you get **107.7330, 78.8900, 90.1380**, and if you desaturate by 10%, it is **137.5050, 61.1960, 69.3880**.

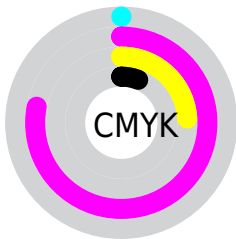
Distribution



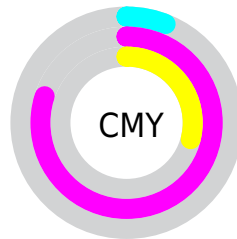
- Red (94%)
- Green (20%)
- Blue (71%)



- Red (94%)
- Yellow (20%)
- Blue (71%)



- Cyan (0%)
- Magenta (78%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (80%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6190, 70.0430, 79.7630 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 122.6190, 70.0430, 79.7630 by changing the saturation by 10% instead.

122.6190, 70.0430,
79.7630

122.6190, 70.0430,
79.7630

255.0000, -0.0000,
-0.0000

80.0470, 75.1300,
92.2020

172.5290, 43.4530,
66.0530

67.8140, 65.0000,
77.5440

192.1910, 29.4250,
55.9610

56.2930, 55.7410,
63.6210

209.8010, 21.1750,
40.2710

44.4730, 45.8860,
49.4860

227.4110, 12.9250,
24.5810

33.1800, 35.9850,
36.1850

245.0210, 4.6750,
8.8910

22.5990, 26.9550,
23.6190

10.4370, 18.0630,

8.5510

■ 0.0000, 0.0000,
0.0000

■ 122.6190, 70.0430,
79.7630

■ 122.6190, 70.0430,
79.7630

■ 107.7330, 78.8900,
90.1380

■ 137.5050, 61.1960,
69.3880

■ 92.7330, 88.0580,
100.2020

■ 152.5050, 52.0280,
59.3240

■ 90.2710, 89.4790,
101.9830


■ 167.3910, 43.1810,
48.9490


■ 182.3910, 34.0130,
38.8850

■ 197.2770, 25.1660,
28.5100

 211.6900, 16.2730,
18.9690

 226.5760, 7.4260,
8.5940

 241.4620, -1.4210,
-1.7810

 249.4180, -7.2890,
-5.5690

Harmonies

Analogous

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



136.9440, -3.3120, 60.0480



122.6190, 70.0430, 79.7630



107.4550, 108.1910, 71.2230

Triad

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



122.6190, 70.0430, 79.7630



123.7300, 42.8770, -44.6990



122.6020, -119.2510, -13.9310

Complementary

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



122.6190, 70.0430, 79.7630



168.3810, -70.0430, -79.7630

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.



116.0240, -97.9730, -36.1250



122.6190, 70.0430, 79.7630



104.4290, -17.2720, -72.4720

Square

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



122.6190, 70.0430, 79.7630



126.7070, 86.3830, -18.1690



105.5990, -72.7520, -58.1920



120.0550, -124.4800, -1.7600

Rectangle

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



122.6190, 70.0430, 79.7630



118.0380, 112.5980, 40.9020



105.5990, -72.7520, -58.1920



120.7950, -112.7850, -20.9850

Sweetspot

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



122.6190, 70.0430, 79.7630



218.3150, 22.0030, 25.2590



90.0620, -26.6510, 70.0290



105.5000, 13.7520, 15.0960



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.



122.6190, 70.0430, 79.7630



105.6840, 89.7540, 102.5060



112.1310, 99.5750, 51.1510



112.5000, 4.5840, 5.0320



69.4940, 68.8970, 78.5050



21.1900, 20.8570, 24.0010

Inverse Universe

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



122.6190, 70.0430, 79.7630



105.6840, 89.7540, 102.5060



178.8690, -99.5750, -51.1510



112.5000, 4.5840, 5.0320



69.4940, 68.8970, 78.5050



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 122.6190, 70.0430, 79.7630 looks on a white background.

Color Contrast Check

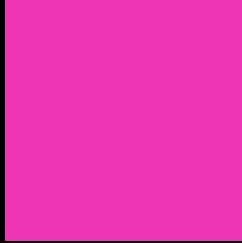
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6190, 70.0430, 79.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

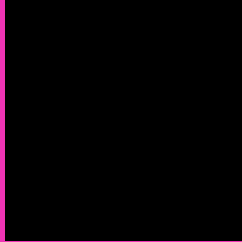
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6190, 70.0430, 79.7630

Background



This preview shows how black text looks on a background with the YIQ color 122.6190, 70.0430, 79.7630.



This preview shows how white text looks on a background with the YIQ color 122.6190, 70.0430,

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

122.6190, 70.0430, 79.7630

Protanopia

129.8890, -64.5140, 23.8220

Deuteranopia

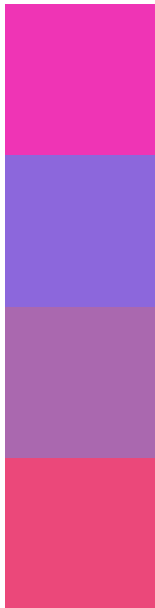
136.4350, -13.9860, 11.1820



Tritanopia

128.8220, 86.6030, 32.9310

Trichromacy



Original Color

122.6190, 70.0430, 79.7630

Protanomaly

127.4010, -15.5050, 44.2310

Deuteranomaly

131.8280, 16.5450, 36.0730

Tritanomaly

126.4370, 81.0980, 50.1060

Monochromacy



Original Color

122.6190, 70.0430, 79.7630

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6900, 25.4410, 29.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6190, 70.0430, 79.7630 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(239, 52, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 52, 181)  
}
```

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(239, 52, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 52, 181) }
```

Border

The CSS property to change the border of an element to YIQ 122.6190, 70.0430, 79.7630 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(239, 52, 181) }
```


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

```
.border{ border-color:rgb(239, 52, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 52, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 52, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 52, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 52,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6190, 70.0430, 79.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 52, 181) }
```

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

```
.background{ background-color: rgb(239, 52,  
181) }
```

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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