

Converting Colors

YIQ(129.9430, 60.3230, 79.7070)

Have a look what the booklet for
YIQ(129.9430, 60.3230, 79.7070)
contains.

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Color

**YIQ(129.9430, 60.3230,
79.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	ED3EC7
RGB	237, 62, 199
RGB Percent	93%, 24%, 78%
CMY	0.0701, 0.7571, 0.2195
CMYK	0.00, 0.74, 0.16, 0.07
HSL	313°, 83%, 59%
HSV	313°, 74%, 93%
XYZ	46.9992, 25.5889, 56.5156
YIQ	129.9430, 60.3230, 79.7070

Conversions

Conversions Part 2

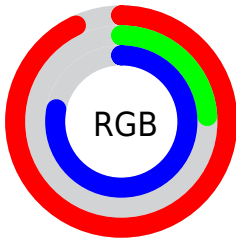
Format	Color
R _Y B	237, 62, 199
Decimal	15548103
CIE Lab	57.64, 77.95, -33.76
CIE LCh	58, 84.946, 336.585
Yxy	25.5889, 0.3640, 0.1982
Android (android.graphics.Color)	4293738183 (0xFFED3EC7)
YUV	129.9430, 34.0451, 93.8890
Hunter-Lab	50.5855, 77.3203, -30.8306

Details

The YIQ color **129.9430, 60.3230, 79.7070** 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 **169.0570, -60.3230, -79.7070**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6900, 35.7500, 67.9900**, and **69.4530, 58.9470, 82.6190** is the 20% darker color. If you saturate the color by 10%, you get **115.2850, 68.5280, 90.7040**, and if you desaturate by 10%, it is **144.6010, 52.1180, 68.7100**.

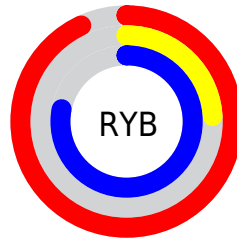
Distribution



Red (93%)

Green (24%)

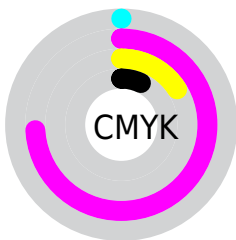
Blue (78%)



Red (93%)

Yellow (24%)

Blue (78%)

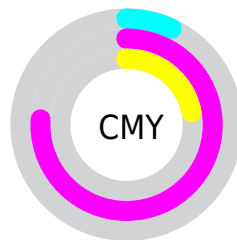


Cyan (0%)

Magenta (74%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.9430, 60.3230, 79.7070 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 129.9430, 60.3230, 79.7070 by changing the saturation by 10% instead.


 129.9430, 60.3230,
79.7070


 129.9430, 60.3230,
79.7070


255.0000, -0.0000,
-0.0000


 89.6050, 64.6310,
89.7430


 178.6900, 35.7500,
67.9900


 69.4530, 58.9470,
82.6190


 196.3000, 27.5000,
52.3000


 57.8180, 50.0090,
68.3850


 213.9100, 19.2500,
36.6100

 46.2970, 40.7500,
54.4620

 231.5200, 11.0000,
20.9200

 34.7760, 31.4910,
40.5390

 249.1300, 2.7500,
5.2300

 24.1950, 22.4610,
27.9730

 12.7170, 11.6430,

14.7710

■ 0.0000, 0.0000,
0.0000

■ 129.9430, 60.3230,
79.7070

■ 129.9430, 60.3230,
79.7070

■ 115.2850, 68.5280,
90.7040

■ 144.6010, 52.1180,
68.7100

■ 101.2140, 76.4580,
101.1780

■ 158.6720, 44.1880,
58.2360

■ 92.0670, 81.5460,
108.0900

■ 173.4440, 35.6620,
47.5500

■ 188.1020, 27.4570,
36.5530

■ 202.7600, 19.2520,
25.5560

■ 216.8310, 11.3220,
15.0820

■ 231.4890, 3.1170,
4.0850

■ 246.1470, -5.0880,
-6.9120

■ 248.4780, -7.5180,
-6.9260

Harmonies

Analogous

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



140.2840, -19.1290, 54.8470



129.9430, 60.3230, 79.7070



106.4580, 104.1090, 79.1250

Triad

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



129.9430, 60.3230, 79.7070



128.5140, 52.4130, -41.3070



124.9670, -119.0210, -18.1010

Complementary

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



129.9430, 60.3230, 79.7070



169.0570, -60.3230, -79.7070

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.



117.2320, -95.8630, -41.3270



129.9430, 60.3230, 79.7070



113.6760, -1.7300, -67.7940

Square

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



129.9430, 60.3230, 79.7070



129.4310, 96.1480, -13.4200



105.9920, -69.7250, -63.4930



124.1640, -126.4050, -5.4210

Rectangle

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



129.9430, 60.3230, 79.7070



116.1340, 112.6880, 50.2880



105.9920, -69.7250, -63.4930



122.9320, -111.9130, -25.7770

Sweetspot

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



129.9430, 60.3230, 79.7070



220.7600, 19.2520, 25.5560



93.3120, -33.5270, 62.4810



107.1300, 11.9180, 15.2940



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.



129.9430, 60.3230, 79.7070



116.1650, 78.1540, 103.4820



120.0250, 88.2500, 52.6500



110.3150, 3.6670, 5.1310



70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Inverse Universe

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



129.9430, 60.3230, 79.7070



116.1650, 78.1540, 103.4820



178.9750, -88.2500, -52.6500



110.3150, 3.6670, 5.1310



70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 129.9430, 60.3230, 79.7070 looks on a white background.

Color Contrast Check

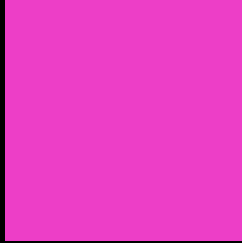
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9430, 60.3230, 79.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

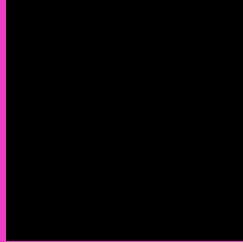
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.9430, 60.3230, 79.7070

Background



This preview shows how black text looks on a background with the YIQ color 129.9430, 60.3230, 79.7070.



This preview shows how white text looks on a background with the YIQ color 129.9430, 60.3230,

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

129.9430, 60.3230, 79.7070

Protanopia

131.6370, -72.4920, 25.2360

Deuteranopia

138.9270, -24.1190, 13.1050



Tritanopia

134.7500, 77.9380, 30.2740

Trichromacy



Original Color

129.9430, 60.3230, 79.7070



Protanomaly

130.8500, -24.0790, 45.4330



Deuteranomaly

135.7930, 6.4580, 37.1620



Tritanomaly

132.7070, 71.4700, 48.3820

Monochromacy



Original Color

129.9430, 60.3230, 79.7070



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

129.8360, 22.0940, 29.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9430, 60.3230, 79.7070 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(237, 62, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 62, 199)  
}
```

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(237, 62, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 62, 199) }
```

Border

The CSS property to change the border of an element to YIQ 129.9430, 60.3230, 79.7070 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(237, 62, 199) }
```


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

```
.border{ border-color:rgb(237, 62, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 62, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 62, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 62, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 62,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9430, 60.3230, 79.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 62, 199) }
```

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

```
.background{ background-color: rgb(237, 62,  
199) }
```

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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