

Converting Colors

YIQ(171.2280, 28.0030, 59.7070)

Have a look what the booklet for
YIQ(171.2280, 28.0030, 59.7070)
contains.

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Color

**YIQ(171.2280, 28.0030,
59.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7DF2
RGB	235, 125, 242
RGB Percent	92%, 49%, 95%
CMY	0.0781, 0.5100, 0.0510
CMYK	0.03, 0.48, 0.00, 0.05
HSL	296°, 82%, 72%
HSV	296°, 48%, 95%
XYZ	57.6447, 38.7434, 88.4485
YIQ	171.2280, 28.0030, 59.7070

Conversions

Conversions Part 2

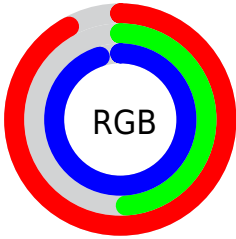
Format	Color
R _{YB}	235, 125, 242
Decimal	15433202
CIE Lab	68.56, 58.73, -40.81
CIE LCh	69, 71.514, 325.203
Yxy	38.7434, 0.3119, 0.2096
Android (android.graphics.Color)	4293623282 (0xFFEB7DF2)
YUV	171.2280, 34.8906, 55.9280
Hunter-Lab	62.2442, 56.3825, -40.6797

Details

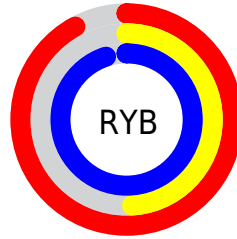
The YIQ color **171.2280, 28.0030, 59.7070** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **195.7720, -28.0030, -59.7070**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.5620, 20.3500, 38.7020**, and **115.1030, 26.8570, 58.4490** is the 20% darker color. If you saturate the color by 10%, you get **156.8410, 34.0070, 72.0470**, and if you desaturate by 10%, it is **185.9140, 22.5950, 47.5790**.

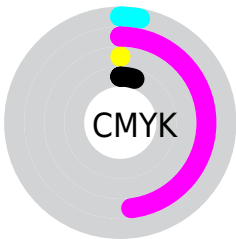
Distribution



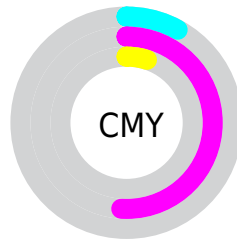
- Red (92%)
- Green (49%)
- Blue (95%)



- Red (92%)
- Yellow (49%)
- Blue (95%)



- Cyan (3%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.2280, 28.0030, 59.7070 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 171.2280, 28.0030, 59.7070 by changing the saturation by 10% instead.


 171.2280, 28.0030,
59.7070


 171.2280, 28.0030,
59.7070


255.0000, -0.0000,
-0.0000


 143.4020, 27.4530,
58.6610


 211.5620, 20.3500,
38.7020


 115.1030, 26.8570,
58.4490


 227.9980, 12.6500,
24.0580

 86.6300, 26.8110,
59.2830

 245.6080, 4.4000,
8.3680

 51.2270, 29.7440,
66.7040

 40.1900, 21.9980,
52.8940

 29.2670, 13.9310,
39.3950

 19.7680, 7.6060,

27.3660

■ 3.9900, -11.2350,
10.8850

■ 1.0260, -2.8890,
2.7990

■ 171.2280, 28.0030,
59.7070

■ 171.2280, 28.0030,
59.7070

■ 156.8410, 34.0070,
72.0470

■ 185.9140, 22.5950,
47.5790

■ 142.1550, 39.4150,
84.1750

■ 200.3010, 16.5910,
35.2390

■ 127.1810, 45.6940,
97.0380

■ 215.2750, 10.3120,
22.3760

■ 112.4950, 51.1020,
109.1660

■ 229.9610, 4.9040,
10.2480

98.1080, 57.1060,
121.5060

244.3480, -1.1000,
-2.0920

95.7600, 58.2060,
123.5980

250.2290, -2.3830,
-6.3750

250.5280, -1.7870,
-6.1630

251.1260, -0.5950,
-5.7390

251.4250, 0.0010,
-5.5270

Harmonies

Analogous

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



163.7090, -37.4640, 29.1920



171.2280, 28.0030, 59.7070



157.2260, 65.8750, 56.1710

Triad

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



171.2280, 28.0030, 59.7070



157.4970, 77.4460, -37.9300



140.8330, -125.1160, -34.3000

Complementary

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



171.2280, 28.0030, 59.7070



195.7720, -28.0030, -59.7070

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.



133.1950, -103.6090, -55.1370



171.2280, 28.0030, 59.7070



152.8480, 27.5650, -53.5470

Square

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



171.2280, 28.0030, 59.7070



161.6290, 96.1910, 2.3270



136.9140, -51.8900, -61.8260



141.7740, -134.6550, -21.1110

Rectangle

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



171.2280, 28.0030, 59.7070



152.9110, 79.4030, 42.2750



136.9140, -51.8900, -61.8260



138.9120, -118.3290, -41.6650

Sweetspot

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



171.2280, 28.0030, 59.7070



232.0960, 9.2580, 19.4500



143.0340, -39.7570, 32.2030



113.9010, 5.1330, 11.6050



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.



171.2280, 28.0030, 59.7070



165.4330, 35.3360, 75.4960



167.5070, 48.5460, 45.3300



112.6570, 2.7040, 6.0640



72.7030, 44.0440, 93.9000



22.2310, 13.6120, 28.6520

Inverse Universe

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



160.7810, 67.4850, 26.9810



152.2780, 85.3190, 34.1750



199.4930, -48.5460, -45.3300



111.7020, 6.8310, 2.8550



56.2700, 106.1330, 42.4290



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 171.2280, 28.0030, 59.7070 looks on a white background.

Color Contrast Check

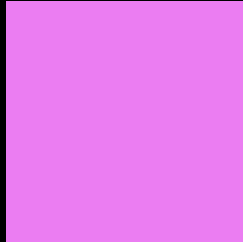
Large Text (above 18pt) WCAG AA × Fail

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 171.2280, 28.0030, 59.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

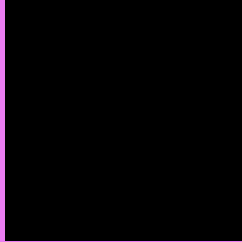
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.2280, 28.0030, 59.7070

Background



This preview shows how black text looks on a background with the YIQ color 171.2280, 28.0030, 59.7070.



This preview shows how white text looks on a background with the YIQ color 171.2280, 28.0030,

59.7070.

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

171.2280, 28.0030, 59.7070

Protanopia

166.2900, -46.7700, 21.6300

Deuteranopia

167.2880, -35.2610, 16.7950



Tritanopia

169.8750, 43.5530, 20.1690

Trichromacy



Original Color

171.2280, 28.0030, 59.7070



Protanomaly

167.6790, -19.5840, 35.5520



Deuteranomaly

168.6920, -12.4310, 32.5690



Tritanomaly

170.4960, 37.9110, 34.3190

Monochromacy



Original Color

171.2280, 28.0030, 59.7070



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

170.8620, 10.0370, 21.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.2280, 28.0030, 59.7070 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(235, 125, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 125, 242)  
}
```

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(235, 125, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 125, 242) }
```

Border

The CSS property to change the border of an element to YIQ 171.2280, 28.0030, 59.7070 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(235, 125, 242) }
```


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

```
.border{ border-color:rgb(235, 125, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 125, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 125, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 125, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 125,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 171.2280, 28.0030, 59.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 125, 242) }
```

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

```
.background{ background-color: rgb(235,  
125, 242) }
```

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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