

Converting Colors

YIQ(147.6770, 28.5970, 70.9730)

Have a look what the booklet for
YIQ(147.6770, 28.5970, 70.9730)
contains.

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Color

**YIQ(147.6770, 28.5970,
70.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5EED
RGB	219, 94, 237
RGB Percent	86%, 37%, 93%
CMY	0.1408, 0.6316, 0.0706
CMYK	0.08, 0.60, 0.00, 0.07
HSL	292°, 80%, 65%
HSV	292°, 60%, 93%
XYZ	48.5273, 29.1860, 83.1971
YIQ	147.6770, 28.5970, 70.9730

Conversions

Conversions Part 2

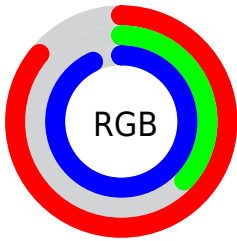
Format	Color
R _Y B	219, 94, 237
Decimal	14376685
CIE Lab	60.95, 67.96, -50.18
CIE LCh	61, 84.481, 323.561
Yxy	29.1860, 0.3016, 0.1814
Android (android.graphics.Color)	4292566765 (0xFFDB5EED)
YUV	147.6770, 44.0362, 62.5503
Hunter-Lab	54.0240, 65.7963, -53.4899

Details

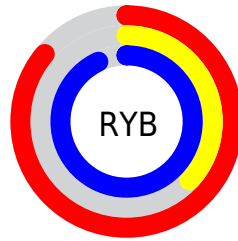
The YIQ color **147.6770, 28.5970, 70.9730** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **183.3230, -28.5970, -70.9730**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 28.6000, 54.3920**, and **86.8560, 29.6510, 73.8990** is the 20% darker color. If you saturate the color by 10%, you get **132.6920, 33.4090, 82.8890**, and if you desaturate by 10%, it is **162.6620, 23.7850, 59.0570**.

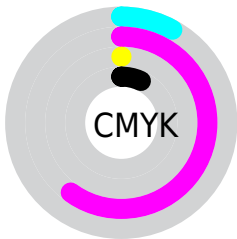
Distribution



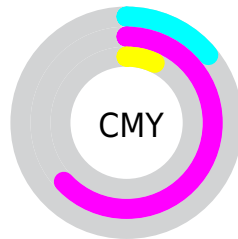
- Red (86%)
- Green (37%)
- Blue (93%)



- Red (86%)
- Yellow (37%)
- Blue (93%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)




- Cyan (14%)
- Magenta (63%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.6770, 28.5970, 70.9730 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 147.6770, 28.5970, 70.9730 by changing the saturation by 10% instead.


 147.6770, 28.5970,
70.9730


 147.6770, 28.5970,
70.9730


255.0000, -0.0000,
-0.0000


 118.6770, 28.5970,
70.9730


 193.9520, 28.6000,
54.3920


 86.8560, 29.6510,
73.8990


 210.3880, 20.9000,
39.7480


 56.9100, 29.5590,
75.5670

 227.4110, 12.9250,
24.5810

 45.5740, 21.2170,
61.5450

 245.0210, 4.6750,
8.8910

 34.5370, 13.4710,
47.7350

 23.9130, 6.0000,
34.4480

 11.6090, -5.3680,

20.2000

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 147.6770, 28.5970,
70.9730

■ 147.6770, 28.5970,
70.9730

■ 132.6920, 33.4090,
82.8890

■ 162.6620, 23.7850,
59.0570

■ 118.2940, 37.9460,
94.2820

■ 177.0600, 19.2480,
47.6640

■ 103.3090, 42.7580,
106.1980

■ 192.0450, 14.4360,
35.7480

■ 88.9110, 47.2950,
117.5910

■ 207.0300, 9.6240,
23.8320

221.4280, 5.0870,
12.4390

236.4130, 0.2750,
0.5230

248.4630, -3.1620,
-8.7780

249.3600, -1.3740,
-8.1420

250.2570, 0.4140,
-7.5060

Harmonies

Analogous

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



137.9160, -59.9760, 29.6880



147.6770, 28.5970, 70.9730



125.8070, 84.0730, 78.8010

Triad

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



147.6770, 28.5970, 70.9730



138.1150, 75.8860, -31.6820



128.4430, -115.0300, -29.8620

Complementary

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



147.6770, 28.5970, 70.9730



183.3230, -28.5970, -70.9730

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.



119.0780, -90.0380, -53.2860



147.6770, 28.5970, 70.9730



130.0990, 28.1160, -58.0280

Square

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



147.6770, 28.5970, 70.9730



135.1440, 113.6140, 0.4460



106.9090, -62.6620, -75.8620



131.7950, -129.9800, -12.2200

Rectangle

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



147.6770, 28.5970, 70.9730



119.5200, 100.3980, 63.7740



106.9090, -62.6620, -75.8620



125.5930, -107.0050, -37.6370

Sweetspot

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



147.6770, 28.5970, 70.9730



226.2040, 9.0740, 22.7860



121.4550, -51.1280, 34.5360



109.7810, 5.5910, 14.3190



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.



147.6770, 28.5970, 70.9730



140.1150, 36.8920, 91.3560



147.1310, 56.0170, 58.6170



110.2440, 2.4290, 5.5410



67.8760, 36.0670, 89.7870



20.2090, 10.6780, 26.7580

Inverse Universe

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



138.8090, 79.4500, 35.9140



128.6380, 102.2810, 46.1610



183.8690, -56.0170, -58.6170



109.4030, 6.2350, 2.6430



56.7410, 100.4930, 45.5250



16.9440, 29.9370, 13.6250

Previews

White Background



This preview shows how the YIQ color 147.6770, 28.5970, 70.9730 looks on a white background.

Color Contrast Check

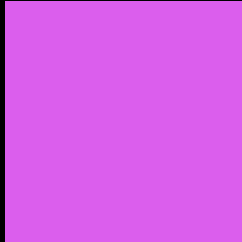
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.6770, 28.5970, 70.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

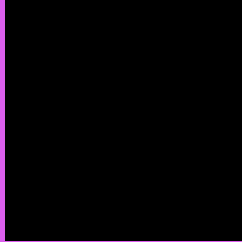
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.6770, 28.5970, 70.9730

Background



This preview shows how black text looks on a background with the YIQ color 147.6770, 28.5970, 70.9730.



This preview shows how white text looks on a background with the YIQ color 147.6770, 28.5970,

70.9730.

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

147.6770, 28.5970, 70.9730

Protanopia

142.6010, -63.6430, 24.5570

Deuteranopia

143.9750, -50.4370, 16.4990



Tritanopia

148.9570, 46.2580, 20.7060

Trichromacy



Original Color

147.6770, 28.5970, 70.9730



Protanomaly

144.3930, -30.2220, 41.1220



Deuteranomaly

145.4230, -21.7390, 36.0610



Tritanomaly

148.3270, 40.0650, 39.3370

Monochromacy



Original Color

147.6770, 28.5970, 70.9730



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.6820, 10.7240, 25.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6770, 28.5970, 70.9730 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(219, 94, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 94, 237)  
}
```

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(219, 94, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 94, 237) }
```

Border

The CSS property to change the border of an element to YIQ 147.6770, 28.5970, 70.9730 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(219, 94, 237) }
```


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

```
.border{ border-color:rgb(219, 94, 237) }
```

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

Here you see how a box with a 4 pixel rgb(219, 94, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 94, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 94, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 94,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6770, 28.5970, 70.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 94, 237) }
```

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

```
.background{ background-color: rgb(219, 94,  
237) }
```

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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