

Converting Colors

YIQ(157.1990, 26.9470, 67.8350)

Have a look what the booklet for
YIQ(157.1990, 26.9470, 67.8350)
contains.

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Color

**YIQ(157.1990, 26.9470,
67.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	E16AF3
RGB	225, 106, 243
RGB Percent	88%, 42%, 95%
CMY	0.1173, 0.5845, 0.0471
CMYK	0.07, 0.56, 0.00, 0.05
HSL	292°, 85%, 68%
HSV	292°, 56%, 95%
XYZ	52.4072, 32.7916, 88.3614
YIQ	157.1990, 26.9470, 67.8350

Conversions

Conversions Part 2

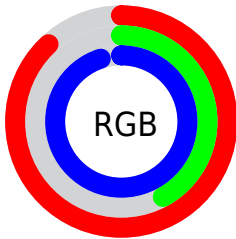
Format	Color
R _{YB}	225, 106, 243
Decimal	14772979
CIE _{Lab}	63.99, 65.21, -48.63
CIE _{LCh}	64, 81.350, 323.285
Yxy	32.7916, 0.3020, 0.1889
Android (android.graphics.Color)	4292963059 (0xFFE16AF3)
YUV	157.1990, 42.2999, 59.4615
Hunter-Lab	57.2639, 63.1492, -51.4030

Details

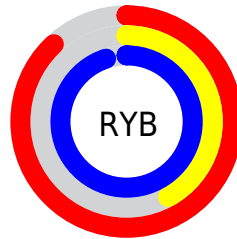
The YIQ color $157.1990, 26.9470, 67.8350$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $191.8010, -26.9470, -67.8350$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $200.4090, 25.5750, 48.6390$, and $99.3130, 26.6260, 68.1460$ is the 20% darker color. If you saturate the color by 10%, you get $142.2140, 31.7590, 79.7510$, and if you desaturate by 10%, it is $172.1840, 22.1350, 55.9190$.

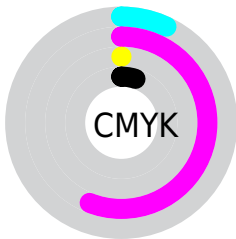
Distribution



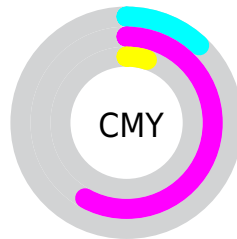
- Red (88%)
- Green (42%)
- Blue (95%)



- Red (88%)
- Yellow (42%)
- Blue (95%)



- Cyan (7%)
- Magenta (56%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (58%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.1990, 26.9470, 67.8350 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 157.1990, 26.9470, 67.8350 by changing the saturation by 10% instead.

157.1990, 26.9470,
67.8350

157.1990, 26.9470,
67.8350

255.0000, -0.0000,
-0.0000

128.7860, 26.6720,
67.3120

200.4090, 25.5750,
48.6390

99.3130, 26.6260,
68.1460

217.4320, 17.6000,
33.4720

61.1490, 30.3840,
77.1360

234.4550, 9.6250,
18.3050

47.9380, 23.1880,
64.3720

251.4780, 1.6500,
3.1380

36.9010, 15.4420,
50.5620

25.9780, 7.3750,
37.0630

14.9840, -1.9300,

23.9740

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 157.1990, 26.9470,
67.8350

■ 157.1990, 26.9470,
67.8350

■ 142.2140, 31.7590,
79.7510

■ 172.1840, 22.1350,
55.9190

■ 126.6420, 36.8460,
92.1900

■ 187.7560, 17.0480,
43.4800

■ 111.6570, 41.6580,
104.1060

■ 203.0400, 12.8320,
31.7760

■ 96.3730, 45.8740,
115.8100

■ 218.0250, 8.0200,
19.8600

90.7910, 47.7530,
120.3050

233.0100, 3.2080,
7.9440

248.5820, -1.8790,
-4.4950

251.2400, -0.9160,
-5.4280

252.1370, 0.8720,
-4.7920

253.3330, 3.2560,
-3.9440

Harmonies

Analogous

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



146.4990, -54.4280, 28.2600



157.1990, 26.9470, 67.8350



138.4590, 76.0050, 70.8290

Triad

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



157.1990, 26.9470, 67.8350



145.5020, 79.0500, -33.9580



133.8230, -119.1560, -32.1800

Complementary

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



157.1990, 26.9470, 67.8350



191.8010, -26.9470, -67.8350

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.



124.6860, -94.8060, -54.9820



157.1990, 26.9470, 67.8350



138.0840, 32.4720, -59.8800

Square

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



157.1990, 26.9470, 67.8350



145.9140, 108.5700, 3.7540



112.5000, -68.7600, -75.4800



136.4910, -132.1800, -16.4040

Rectangle

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



157.1990, 26.9470, 67.8350



132.2860, 92.0090, 56.1130



112.5000, -68.7600, -75.4800



130.9730, -111.1310, -39.9550

Sweetspot

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



157.1990, 26.9470, 67.8350



227.9650, 8.2490, 21.2170



132.1840, -48.9270, 33.1930



111.5420, 4.7660, 12.7500



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.



157.1990, 26.9470, 67.8350



146.5720, 33.8670, 85.6030



156.8810, 53.7250, 56.1010



114.6570, 2.7040, 6.0640



69.6420, 36.8460, 92.1900



21.9750, 11.4570, 29.1610

Inverse Universe

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



149.0150, 75.8740, 34.6420



136.2350, 96.0460, 43.5180



192.1190, -53.7250, -56.1010



113.8160, 6.5100, 3.1660



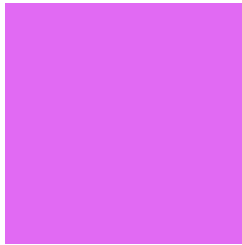
58.3500, 103.1520, 46.8960



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 157.1990, 26.9470, 67.8350 looks on a white background.

Color Contrast Check

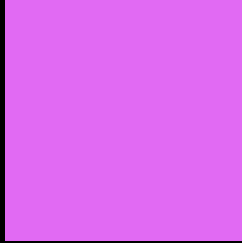
Large Text (above 18pt) WCAG AA × Fail

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 157.1990, 26.9470, 67.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

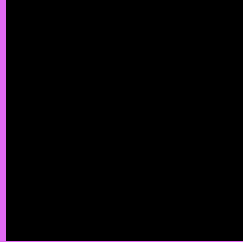
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.1990, 26.9470, 67.8350

Background



This preview shows how black text looks on a background with the YIQ color 157.1990, 26.9470, 67.8350.



This preview shows how white text looks on a background with the YIQ color 157.1990, 26.9470,

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

157.1990, 26.9470, 67.8350

Protanopia

152.0810, -56.3070, 23.7650

Deuteranopia

152.9430, -47.4110, 16.7250



Tritanopia

157.7610, 43.8740, 19.8580

Trichromacy



Original Color

157.1990, 26.9470, 67.8350



Protanomaly

153.9050, -25.9120, 40.1040



Deuteranomaly

154.3800, -20.1800, 35.3400



Tritanomaly

157.4900, 38.0480, 37.3440

Monochromacy



Original Color

157.1990, 26.9470, 67.8350



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

156.8560, 10.1740, 24.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.1990, 26.9470, 67.8350 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(225, 106, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 106, 243)  
}
```

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(225, 106, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 106, 243) }
```

Border

The CSS property to change the border of an element to YIQ 157.1990, 26.9470, 67.8350 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(225, 106, 243) }
```


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

```
.border{ border-color:rgb(225, 106, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 106, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 106, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 106, 243); box-shadow:4px 4px 4px 4px rgb(225, 106, 243) }
```

Background

The CSS property to change the background color of an element to YIQ 157.1990, 26.9470, 67.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 106, 243) }
```

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

```
.background{ background-color: rgb(225,  
106, 243) }
```

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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