

Converting Colors

YIQ(167.4870, 16.9080, 57.0360)

Have a look what the booklet for
YIQ(167.4870, 16.9080, 57.0360)
contains.

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Color

**YIQ(167.4870, 16.9080,
57.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7EF6
RGB	219, 126, 246
RGB Percent	86%, 49%, 96%
CMY	0.1409, 0.5060, 0.0353
CMYK	0.11, 0.49, 0.00, 0.04
HSL	287°, 87%, 73%
HSV	287°, 49%, 96%
XYZ	53.3256, 36.6370, 91.4446
YIQ	167.4870, 16.9080, 57.0360

Conversions

Conversions Part 2

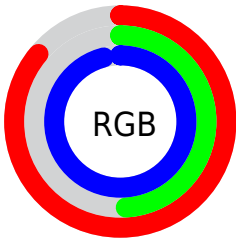
Format	Color
R _{YB}	219, 126, 246
Decimal	14384886
CIE _{Lab}	67.00, 54.61, -45.59
CIE _{LCh}	67, 71.136, 320.146
Yxy	36.6370, 0.2940, 0.2020
Android (android.graphics.Color)	4292574966 (0xFFDB7EF6)
YUV	167.4870, 38.7069, 45.1769
Hunter-Lab	60.5285, 51.3335, -47.2035

Details

The YIQ color **167.4870, 16.9080, 57.0360** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **204.5130, -16.9080, -57.0360**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.5620, 20.3500, 38.7020**, and **112.2480, 16.0830, 55.4670** is the 20% darker color. If you saturate the color by 10%, you get **151.3170, 20.8030, 69.0510**, and if you desaturate by 10%, it is **183.9560, 13.6090, 45.2330**.

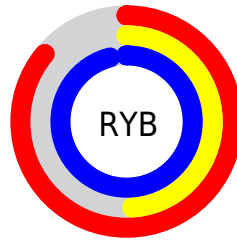
Distribution



Red (86%)

Green (49%)

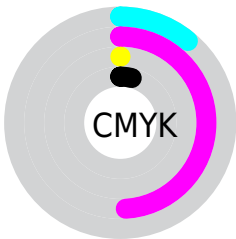
Blue (96%)



Red (86%)

Yellow (49%)

Blue (96%)

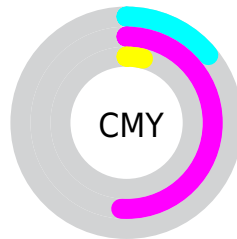


Cyan (11%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (14%)


Magenta (51%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.4870, 16.9080, 57.0360 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 167.4870, 16.9080, 57.0360 by changing the saturation by 10% instead.


 167.4870, 16.9080,
57.0360


 167.4870, 16.9080,
57.0360


255.0000, -0.0000,
-0.0000


 139.6610, 16.3580,
55.9900


 211.5620, 20.3500,
38.7020


 112.2480, 16.0830,
55.4670


 228.5850, 12.3750,
23.5350

 84.9490, 15.4870,
55.2550

 245.6080, 4.4000,
8.3680

 53.8400, 17.4120,
58.9160

 36.3460, 12.6910,
50.8590

 25.4230, 4.6240,
37.3600

 15.5110, -1.9760,

24.8080

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 167.4870, 16.9080,
57.0360

■ 167.4870, 16.9080,
57.0360

■ 151.3170, 20.8030,
69.0510

■ 183.9560, 13.6090,
45.2330

■ 135.4350, 23.8270,
80.3310

■ 199.5390, 9.9890,
33.7410

■ 119.2650, 27.7220,
92.3460

■ 216.0080, 6.6900,
21.9380

■ 103.3830, 30.7460,
103.6260

■ 231.5910, 3.0700,
10.4460

86.9140, 34.0450,
115.4290

248.0600, -0.2290,
-1.3570

85.1530, 34.8700,
116.9980

253.0770, 1.1010,
-3.4350

253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



155.6360, -53.5560, 23.4680



167.4870, 16.9080, 57.0360



156.8500, 64.1780, 59.3940

Triad

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



167.4870, 16.9080, 57.0360



154.2250, 81.3880, -32.2760



136.6610, -118.8800, -37.1840

Complementary

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



167.4870, 16.9080, 57.0360



204.5130, -16.9080, -57.0360

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.



128.5500, -97.4190, -57.1870



167.4870, 16.9080, 57.0360



149.0080, 38.7980, -53.3780

Square

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



167.4870, 16.9080, 57.0360



157.6170, 96.4650, 8.3770



138.0750, -33.2300, -58.5900



140.0130, -133.8300, -19.5420

Rectangle

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



167.4870, 16.9080, 57.0360



150.1870, 78.8060, 47.5900



138.0750, -33.2300, -58.5900



134.2670, -112.1390, -43.7150

Sweetspot

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



167.4870, 16.9080, 57.0360



230.0030, 5.0860, 17.9660



156.1160, -46.2200, 22.6760



112.7050, 2.7490, 10.7570



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.



167.4870, 16.9080, 57.0360



156.7840, 20.9860, 71.2420



171.9120, 43.2720, 52.8080



114.3580, 2.1080, 5.8520



64.2600, 26.1180, 88.3740



20.1810, 7.8810, 27.8890

Inverse Universe

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



164.9580, 62.8530, 33.8370



153.6120, 78.8070, 42.0630



200.0880, -43.2720, -52.8080



113.9300, 6.1890, 3.4770



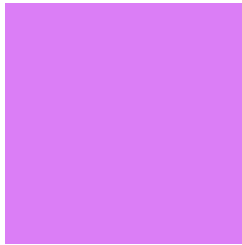
60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 167.4870, 16.9080, 57.0360 looks on a white background.

Color Contrast Check

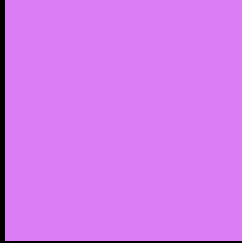
Large Text (above 18pt) WCAG AA × Fail

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 167.4870, 16.9080, 57.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

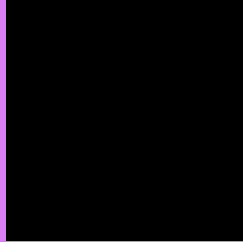
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.4870, 16.9080, 57.0360

Background



This preview shows how black text looks on a background with the YIQ color 167.4870, 16.9080, 57.0360.



This preview shows how white text looks on a background with the YIQ color 167.4870, 16.9080,

57.0360.

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

167.4870, 16.9080, 57.0360

Protanopia

161.2620, -49.5670, 22.7610

Deuteranopia

161.5090, -43.1930, 17.3750



Tritanopia

166.1940, 32.2290, 16.1410

Trichromacy



Original Color

167.4870, 16.9080, 57.0360



Protanomaly

163.7430, -25.6360, 35.1000



Deuteranomaly

163.7880, -21.5090, 31.8910



Tritanomaly

166.3420, 26.5410, 31.1250

Monochromacy



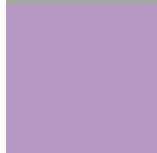
Original Color

167.4870, 16.9080, 57.0360



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

167.1820, 6.1400, 20.8920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.4870, 16.9080, 57.0360 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, 126, 246)` looks like.

```
.text, #text, p{  
    color:rgb(219, 126, 246)  
}
```

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, 126, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 126, 246) }
```

Border

The CSS property to change the border of an element to YIQ 167.4870, 16.9080, 57.0360 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, 126, 246) }
```


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

```
.border{ border-color:rgb(219, 126, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 126, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 126, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 126, 246);  
box-shadow:4px 4px 4px 4px rgb(219, 126,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 167.4870, 16.9080, 57.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 126, 246) }
```

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

```
.background{ background-color: rgb(219,  
126, 246) }
```

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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