

Converting Colors

YIQ(174.0060, 19.3400, 45.9960)

Have a look what the booklet for
YIQ(174.0060, 19.3400, 45.9960)
contains.

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Color

**YIQ(174.0060, 19.3400,
45.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8BE7
RGB	221, 139, 231
RGB Percent	87%, 55%, 91%
CMY	0.1331, 0.4550, 0.0941
CMYK	0.04, 0.40, 0.00, 0.09
HSL	294°, 66%, 73%
HSV	294°, 40%, 91%
XYZ	53.4901, 39.6072, 80.4281
YIQ	174.0060, 19.3400, 45.9960

Conversions

Conversions Part 2

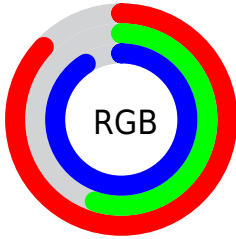
Format	Color
R _Y B	221, 139, 231
Decimal	14519271
CIE Lab	69.19, 45.61, -33.91
CIE LCh	69, 56.841, 323.369
Yxy	39.6072, 0.3083, 0.2283
Android (android.graphics.Color)	4292709351 (0xFFDD8BE7)
YUV	174.0060, 28.0980, 41.2137
Hunter-Lab	62.9342, 41.5786, -31.7169

Details

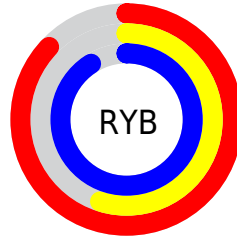
The YIQ color **174.0060, 19.3400, 45.9960** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **195.9940, -19.3400, -45.9960**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1930, 16.7750, 31.9030**, and **119.4680, 17.9190, 44.2150** is the 20% darker color. If you saturate the color by 10%, you get **159.9070, 24.4730, 57.6010**, and if you desaturate by 10%, it is **188.4040, 14.8030, 34.6030**.

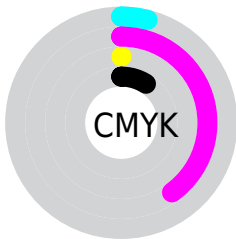
Distribution



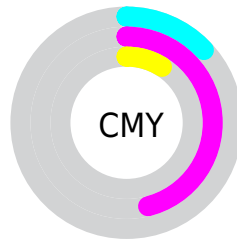
- Red (87%)
- Green (55%)
- Blue (91%)



- Red (87%)
- Yellow (55%)
- Blue (91%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)




- Cyan (13%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.0060, 19.3400, 45.9960 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 174.0060, 19.3400, 45.9960 by changing the saturation by 10% instead.


 174.0060, 19.3400,
45.9960

 174.0060, 19.3400,
45.9960


255.0000, -0.0000,
-0.0000


 146.2940, 18.4690,
45.2610


 219.1930, 16.7750,
31.9030


 119.4680, 17.9190,
44.2150


 235.6290, 9.0750,
17.2590

 93.6420, 17.3690,
43.1690

 253.2390, 0.8250,
1.5690

 67.3430, 16.7730,
42.9570

 37.3480, 18.3770,
46.9290

 25.9630, 11.7310,
35.2110

 17.0620, 6.5980,

23.6060

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 174.0060, 19.3400,
45.9960

■ 174.0060, 19.3400,
45.9960

■ 159.9070, 24.4730,
57.6010

■ 188.4040, 14.8030,
34.6030

■ 145.5090, 29.0100,
68.9940

■ 202.5030, 9.6700,
22.9980

■ 131.4100, 34.1430,
80.5990

■ 216.9010, 5.1330,
11.6050

■ 117.0120, 38.6800,
91.9920

■ 231.0000, -0.0000,
-0.0000

102.3260, 44.0880,
104.1200

245.3980, -4.5370,
-11.3930

87.9280, 48.6250,
115.5130

246.5830, -3.6200,
-11.4920

247.4800, -1.8320,
-10.8560

248.0780, -0.6400,
-10.4320

248.9750, 1.1480,
-9.7960

Harmonies

Analogous

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



168.4380, -35.2630, 27.8490



174.0060, 19.3400, 45.9960



169.8950, 59.1370, 46.1210

Triad

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



174.0060, 19.3400, 45.9960



164.3540, 59.5160, -21.3480



137.5900, -120.1180, -36.7740

Complementary

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



174.0060, 19.3400, 45.9960



195.9940, -19.3400, -45.9960

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.



131.5480, -103.1050, -53.2570



174.0060, 19.3400, 45.9960



159.5940, 23.0690, -38.1390

Square

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



174.0060, 19.3400, 45.9960



167.1140, 78.7680, 4.2080



151.0190, -29.6560, -46.2640



139.5570, -132.5460, -20.7860

Rectangle

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



174.0060, 19.3400, 45.9960



165.9050, 70.3720, 35.2360



151.0190, -29.6560, -46.2640



135.6520, -114.6610, -42.0610

Sweetspot

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



174.0060, 19.3400, 45.9960



235.9060, 6.7370, 15.5770



155.9450, -32.5570, 22.8590



116.8360, 3.7580, 8.9900



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.



174.0060, 19.3400, 45.9960



179.4990, 25.8020, 61.0500



173.0060, 36.5350, 37.2310



107.6570, 2.7040, 6.0640



67.9470, 37.3050, 89.3770



19.2690, 10.4490, 25.4010

Inverse Universe

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



167.6480, 51.6220, 22.6140



170.9600, 68.5390, 29.9070



196.9940, -36.5350, -37.2310



106.8160, 6.5100, 3.1660



55.6870, 100.5850, 43.8570



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 174.0060, 19.3400, 45.9960 looks on a white background.

Color Contrast Check

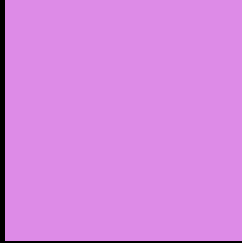
Large Text (above 18pt) WCAG AA × Fail

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 174.0060, 19.3400, 45.9960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

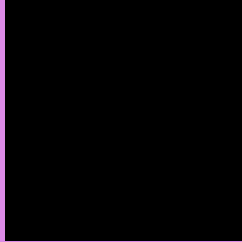
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.0060, 19.3400, 45.9960

Background



This preview shows how black text looks on a background with the YIQ color 174.0060, 19.3400, 45.9960.



This preview shows how white text looks on a background with the YIQ color 174.0060, 19.3400,

45.9960.

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

174.0060, 19.3400, 45.9960

Protanopia

168.1440, -43.4230, 21.5450

Deuteranopia

169.8390, -26.6870, 15.5930



Tritanopia

172.0090, 31.3120, 16.2400

Trichromacy



Original Color

174.0060, 19.3400, 45.9960



Protanomaly

170.0330, -20.8210, 30.4350



Deuteranomaly

171.3730, -10.2750, 26.5330



Tritanomaly

172.7070, 26.7710, 26.9550

Monochromacy



Original Color

174.0060, 19.3400, 45.9960



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

173.8460, 6.9660, 16.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.0060, 19.3400, 45.9960 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(221, 139, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 231)  
}
```

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(221, 139, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 231) }
```

Border

The CSS property to change the border of an element to YIQ 174.0060, 19.3400, 45.9960 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(221, 139, 231) }
```


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

```
.border{ border-color:rgb(221, 139, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 139, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 139, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 139, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 139,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 174.0060, 19.3400, 45.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 231) }
```

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

```
.background{ background-color: rgb(221,  
139, 231) }
```

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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