

Converting Colors

YIQ(168.5630, 27.7770, 41.7690)

Have a look what the booklet for
YIQ(168.5630, 27.7770, 41.7690)
contains.

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Color

**YIQ(168.5630, 27.7770,
41.7690)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD86D1 |
| RGB | 221, 134, 209 |
| RGB Percent | 87%, 53%, 82% |
| CMY | 0.1331, 0.4746, 0.1803 |
| CMYK | 0.00, 0.39, 0.05, 0.13 |
| HSL | 308°, 56%, 70% |
| HSV | 308°, 39%, 87% |
| XYZ | 49.8688, 37.0266, 64.8487 |
| YIQ | 168.5630, 27.7770, 41.7690 |

Conversions

Conversions Part 2

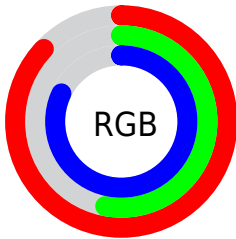
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 221, 134, 209 |
| Decimal | 14517969 |
| CIE Lab | 67.30, 44.24, -24.66 |
| CIE LCh | 67, 50.643, 330.866 |
| Yxy | 37.0266, 0.3286, 0.2440 |
| Android (android.graphics.Color) | 4292708049 (0xFFDD86D1) |
| YUV | 168.5630, 19.9354, 45.9872 |
| Hunter-Lab | 60.8495, 39.8022, -20.5921 |

Details

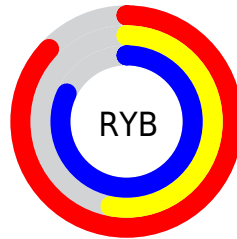
The YIQ color **168.5630, 27.7770, 41.7690** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **186.4370, -27.7770, -41.7690**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.2580, 18.1500, 34.5180**, and **114.7260, 25.7600, 39.7760** is the 20% darker color. If you saturate the color by 10%, you get **155.3070, 34.7900, 52.3420**, and if you desaturate by 10%, it is **181.8190, 20.7640, 31.1960**.

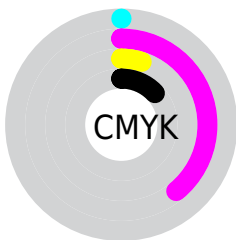
Distribution



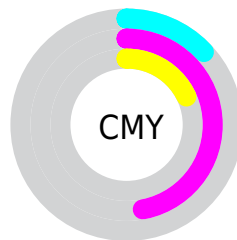
- Red (87%)
- Green (53%)
- Blue (82%)



- Red (87%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.5630, 27.7770, 41.7690 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 168.5630, 27.7770, 41.7690 by changing the saturation by 10% instead.

168.5630, 27.7770,
41.7690

168.5630, 27.7770,
41.7690

255.0000, -0.0000,
-0.0000

140.8510, 26.9060,
41.0340

216.2580, 18.1500,
34.5180

114.7260, 25.7600,
39.7760

232.6940, 10.4500,
19.8740

88.4270, 25.1640,
39.5640

249.7170, 2.4750,
4.7070

61.6550, 24.5220,
40.1860

34.1220, 24.7050,
42.3770

23.9110, 17.5090,
29.6130

14.9390, 11.1380,

18.4180

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 168.5630, 27.7770,
41.7690

■ 168.5630, 27.7770,
41.7690

■ 155.3070, 34.7900,
52.3420

■ 181.8190, 20.7640,
31.1960

■ 142.0510, 41.8030,
62.9150

■ 195.0750, 13.7510,
20.6230

■ 128.7950, 48.8160,
73.4880

■ 208.3310, 6.7380,
10.0500

■ 115.5390, 55.8290,
84.0610

■ 221.5870, -0.2750,
-0.5230

101.6960, 63.1170,
95.1570

235.4300, -7.5630,
-11.6190

88.4400, 70.1300,
105.7300

241.6420,
-11.2760, -15.9160

87.7390, 70.7260,
105.9420

241.9840,
-12.2390, -14.9830

242.3260,
-13.2020, -14.0500

242.7820,
-14.4860, -12.8060

Harmonies

Analogous

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



166.4570, -19.0790, 31.9050



168.5630, 27.7770, 41.7690



165.9240, 60.1930, 37.9930

Triad

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



168.5630, 27.7770, 41.7690



159.4710, 45.9450, -23.1990



133.0080, -118.2390, -32.2790

Complementary

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



168.5630, 27.7770, 41.7690



186.4370, -27.7770, -41.7690

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.



128.4650, -104.0690, -46.7970



168.5630, 27.7770, 41.7690



154.8300, 10.7810, -35.7070

Square

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



168.5630, 27.7770, 41.7690



161.9660, 67.2610, -2.0110



145.3910, -39.3310, -41.6270



133.3620, -127.5030, -18.5670

Rectangle

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



168.5630, 27.7770, 41.7690



164.2760, 70.4650, 28.0410



145.3910, -39.3310, -41.6270



131.9990, -114.0200, -37.1560

Sweetspot

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



168.5630, 27.7770, 41.7690



236.3470, 9.8090, 14.9690



147.5060, -20.7750, 29.6010



117.0920, 5.9130, 8.4810



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.



168.5630, 27.7770, 41.7690



182.6220, 38.4570, 57.4730



163.6610, 41.5800, 28.3960



103.3150, 3.6670, 5.1310



68.7130, 55.2790, 83.0150



18.3140, 14.5760, 22.1920

Inverse Universe

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



168.5630, 27.7770, 41.7690



182.6220, 38.4570, 57.4730



191.3390, -41.5800, -28.3960



103.3150, 3.6670, 5.1310



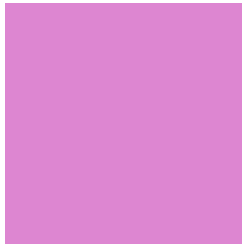
68.7130, 55.2790, 83.0150



18.3140, 14.5760, 22.1920

Previews

White Background



This preview shows how the YIQ color 168.5630, 27.7770, 41.7690 looks on a white background.

Color Contrast Check

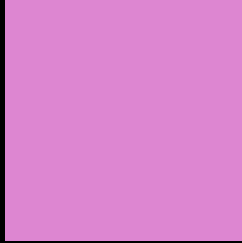
Large Text (above 18pt) WCAG AA × Fail

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 168.5630, 27.7770, 41.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

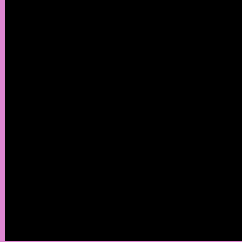
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.5630, 27.7770, 41.7690

Background



This preview shows how black text looks on a background with the YIQ color 168.5630, 27.7770, 41.7690.



This preview shows how white text looks on a background with the YIQ color 168.5630, 27.7770,

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

168.5630, 27.7770, 41.7690

Protanopia

164.0710, -33.1520, 17.1200

Deuteranopia

165.6030, -14.3990, 13.1610



Tritanopia

167.1840, 38.1890, 18.2610

Trichromacy



Original Color

168.5630, 27.7770, 41.7690



Protanomaly

165.6610, -11.1460, 25.7980



Deuteranomaly

166.5390, 0.8210, 23.6770



Tritanomaly

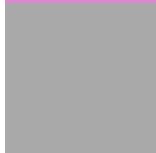
167.6000, 34.3820, 26.6860

Monochromacy



Original Color

168.5630, 27.7770, 41.7690



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.7600, 10.0840, 15.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5630, 27.7770, 41.7690 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, 134, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 209)  
}
```

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, 134, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 209) }
```

Border

The CSS property to change the border of an element to YIQ 168.5630, 27.7770, 41.7690 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, 134, 209) }
```


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

```
.border{ border-color:rgb(221, 134, 209) }
```

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

Here you see how a box with a 4 pixel rgb(221, 134, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5630, 27.7770, 41.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 209) }
```

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

```
.background{ background-color: rgb(221,  
134, 209) }
```

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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