

Converting Colors

YIQ(166.2150, 28.8770, 43.8610)

Have a look what the booklet for
YIQ(166.2150, 28.8770, 43.8610)
contains.

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Color

**YIQ(166.2150, 28.8770,
43.8610)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD82D1 |
| RGB | 221, 130, 209 |
| RGB Percent | 87%, 51%, 82% |
| CMY | 0.1331, 0.4903, 0.1803 |
| CMYK | 0.00, 0.41, 0.05, 0.13 |
| HSL | 308°, 57%, 69% |
| HSV | 308°, 41%, 87% |
| XYZ | 49.3273, 35.9421, 64.6681 |
| YIQ | 166.2150, 28.8770, 43.8610 |

Conversions

Conversions Part 2

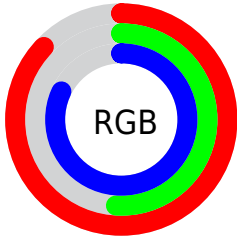
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 221, 130, 209 |
| Decimal | 14516945 |
| CIE Lab | 66.48, 46.31, -25.92 |
| CIE LCh | 66, 53.069, 330.768 |
| Yxy | 35.9421, 0.3290, 0.2397 |
| Android (android.graphics.Color) | 4292707025 (0xFFDD82D1) |
| YUV | 166.2150, 21.0930, 48.0464 |
| Hunter-Lab | 59.9517, 41.9515, -21.9882 |

Details

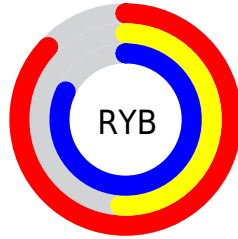
The YIQ color **166.2150, 28.8770, 43.8610** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.7850, -28.8770, -43.8610**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9100, 19.2500, 36.6100**, and **111.7910, 27.1350, 42.3910** is the 20% darker color. If you saturate the color by 10%, you get **152.9590, 35.8900, 54.4340**, and if you desaturate by 10%, it is **179.4710, 21.8640, 33.2880**.

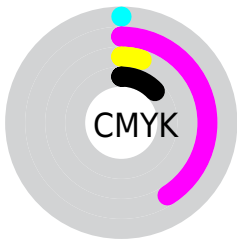
Distribution



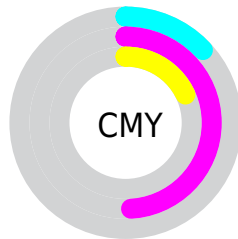
- Red (87%)
- Green (51%)
- Blue (82%)



- Red (87%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.2150, 28.8770, 43.8610 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 166.2150, 28.8770, 43.8610 by changing the saturation by 10% instead.

166.2150, 28.8770,
43.8610

166.2150, 28.8770,
43.8610

255.0000, -0.0000,
-0.0000

138.5030, 28.0060,
43.1260

213.9100, 19.2500,
36.6100

111.7910, 27.1350,
42.3910

230.3460, 11.5500,
21.9660

85.4920, 26.5390,
42.1790

247.3690, 3.5750,
6.7990

58.1330, 26.1720,
43.3240

34.1220, 24.7050,
42.3770

23.6120, 16.9130,
29.4010

14.6400, 10.5420,

18.2060

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 166.2150, 28.8770,
43.8610

■ 166.2150, 28.8770,
43.8610

■ 152.9590, 35.8900,
54.4340

■ 179.4710, 21.8640,
33.2880

■ 139.7030, 42.9030,
65.0070

■ 192.7270, 14.8510,
22.7150

■ 126.4470, 49.9160,
75.5800

■ 205.9830, 7.8380,
12.1420

■ 113.1910, 56.9290,
86.1530

■ 219.2390, 0.8250,
1.5690

■ 99.3480, 64.2170,
97.2490

■ 233.0820, -6.4630,
-9.5270

■ 87.9670, 70.0840,
106.5640

■ 241.6420,
-11.2760, -15.9160

■ 241.8700,
-11.9180, -15.2940

■ 242.2120,
-12.8810, -14.3610

■ 242.5540,
-13.8440, -13.4280

Harmonies

Analogous

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



164.6140, -20.9590, 32.9370



166.2150, 28.8770, 43.8610



163.0600, 62.8060, 40.1980

Triad

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



166.2150, 28.8770, 43.8610



156.9010, 47.5500, -24.7540



132.4210, -117.9640, -31.7560

Complementary

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



166.2150, 28.8770, 43.8610



184.7850, -28.8770, -43.8610

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.



126.9490, -102.5560, -46.6840



166.2150, 28.8770, 43.8610



151.7760, 10.8730, -37.3750

Square

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



166.2150, 28.8770, 43.8610



159.5210, 70.0120, -2.3080



141.8420, -42.2190, -44.3550



132.8890, -127.5490, -17.7330

Rectangle

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



166.2150, 28.8770, 43.8610



161.1840, 73.7200, 29.6240



141.8420, -42.2190, -44.3550



130.7110, -113.1490, -36.4210

Sweetspot

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



166.2150, 28.8770, 43.8610



236.3470, 9.8090, 14.9690



143.6630, -22.6550, 30.6330



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.



166.2150, 28.8770, 43.8610



179.6870, 39.8320, 60.0880



161.1990, 43.0010, 30.1770



103.3150, 3.6670, 5.1310



68.8270, 54.9580, 83.3260



18.3140, 14.5760, 22.1920

Inverse Universe

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



166.2150, 28.8770, 43.8610



179.6870, 39.8320, 60.0880



189.8010, -43.0010, -30.1770



103.3150, 3.6670, 5.1310



68.8270, 54.9580, 83.3260



18.3140, 14.5760, 22.1920

Previews

White Background



This preview shows how the YIQ color 166.2150, 28.8770, 43.8610 looks on a white background.

Color Contrast Check

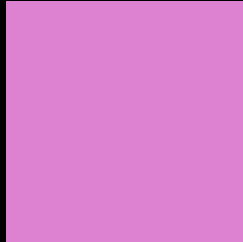
Large Text (above 18pt) WCAG AA × Fail

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 166.2150, 28.8770, 43.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

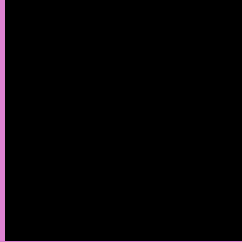
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.2150, 28.8770, 43.8610

Background



This preview shows how black text looks on a background with the YIQ color 166.2150, 28.8770, 43.8610.



This preview shows how white text looks on a background with the YIQ color 166.2150, 28.8770,

43.8610.

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

166.2150, 28.8770, 43.8610

Protanopia

161.9290, -35.6280, 17.9400

Deuteranopia

163.2330, -16.2330, 13.3590



Tritanopia

164.7820, 39.3810, 18.6850

Trichromacy



Original Color

166.2150, 28.8770, 43.8610



Protanomaly

163.5300, -12.1550, 27.5650



Deuteranomaly

164.1800, 0.4540, 24.8220



Tritanomaly

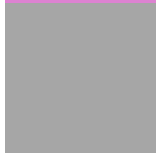
165.6110, 35.8490, 27.6330

Monochromacy



Original Color

166.2150, 28.8770, 43.8610



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.1730, 10.3590, 16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.2150, 28.8770, 43.8610 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, 130, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 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, 130, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 209) }
```

Border

The CSS property to change the border of an element to YIQ 166.2150, 28.8770, 43.8610 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, 130, 209) }
```


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

```
.border{ border-color:rgb(221, 130, 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, 130, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 166.2150, 28.8770, 43.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 209) }
```

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

```
.background{ background-color: rgb(221,  
130, 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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