

Converting Colors

YIQ(167.3410, 28.2820, 38.1220)

Have a look what the booklet for
YIQ(167.3410, 28.2820, 38.1220)
contains.

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Color

**YIQ(167.3410, 28.2820,
38.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	DA87C9
RGB	218, 135, 201
RGB Percent	85%, 53%, 79%
CMY	0.1449, 0.4707, 0.2117
CMYK	0.00, 0.38, 0.08, 0.14
HSL	312°, 53%, 69%
HSV	312°, 38%, 86%
XYZ	48.1352, 36.4508, 59.7667
YIQ	167.3410, 28.2820, 38.1220

Conversions

Conversions Part 2

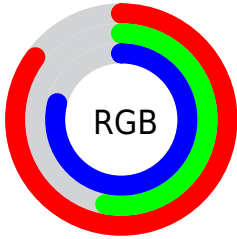
Format	Color
R _Y B	218, 135, 201
Decimal	14321609
CIE Lab	66.86, 41.38, -20.89
CIE LCh	67, 46.351, 333.214
Yxy	36.4508, 0.3335, 0.2525
Android (android.graphics.Color)	4292511689 (0xFFDA87C9)
YUV	167.3410, 16.5939, 44.4279
Hunter-Lab	60.3745, 36.6585, -16.4309

Details

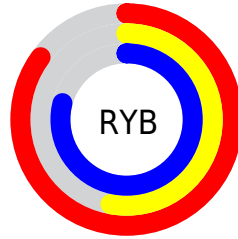
The YIQ color **167.3410, 28.2820, 38.1220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.6590, -28.2820, -38.1220**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.8450, 17.8750, 33.9950**, and **113.9170, 26.5400, 36.6520** is the 20% darker color. If you saturate the color by 10%, you get **153.9710, 35.6160, 48.3840**, and if you desaturate by 10%, it is **180.7110, 20.9480, 27.8600**.

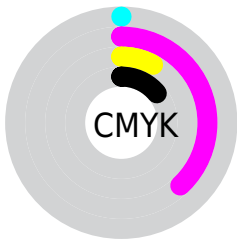
Distribution



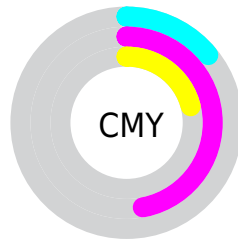
- Red (85%)
- Green (53%)
- Blue (79%)



- Red (85%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.3410, 28.2820, 38.1220 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 167.3410, 28.2820, 38.1220 by changing the saturation by 10% instead.

167.3410, 28.2820,
38.1220

167.3410, 28.2820,
38.1220

255.0000, -0.0000,
-0.0000

140.6290, 27.4110,
37.3870

216.8450, 17.8750,
33.9950

113.9170, 26.5400,
36.6520

233.2810, 10.1750,
19.3510

87.9060, 25.0730,
35.7050

250.3040, 2.2000,
4.1840

62.0200, 24.7520,
36.0160

32.7260, 25.7600,
39.7760

22.6290, 18.2430,
27.3230

13.6570, 11.8720,

16.1280

■ 0.0000, 0.0000,
0.0000

■ 167.3410, 28.2820,
38.1220

■ 167.3410, 28.2820,
38.1220

■ 153.9710, 35.6160,
48.3840

■ 180.7110, 20.9480,
27.8600

■ 140.4870, 43.2710,
58.3350

■ 194.1950, 13.2930,
17.9090

■ 127.7040, 50.3300,
68.0740

■ 206.9780, 6.2340,
8.1700

■ 114.2200, 57.9850,
78.0250

■ 220.4620, -1.4210,
-1.7810

■ 100.8500, 65.3190,
88.2870

■ 233.8320, -8.7550,
-12.0430

87.3660, 72.9740,
98.2380

240.8590,
-13.3850, -16.2410

84.9040, 74.3950,
100.0190

241.3150,
-14.6690, -14.9970

241.8850,
-16.2740, -13.4420

242.3410,
-17.5580, -12.1980

Harmonies

Analogous

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



166.0400, -13.5310, 30.4770



167.3410, 28.2820, 38.1220



165.1360, 56.4800, 33.6960

Triad

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



167.3410, 28.2820, 38.1220



158.8880, 40.3970, -21.7710



131.0190, -116.7720, -31.3320

Complementary

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



167.3410, 28.2820, 38.1220



185.6590, -28.2820, -38.1220

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.



126.9320, -103.8860, -44.6060



167.3410, 28.2820, 38.1220



154.2580, 6.7000, -33.3320

Square

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



167.3410, 28.2820, 38.1220



161.6170, 60.9340, -2.9860



146.0970, -38.3230, -37.8670



130.8030, -124.4310, -19.1750

Rectangle

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



167.3410, 28.2820, 38.1220



163.4170, 65.5140, 24.1540



146.0970, -38.3230, -37.8670



130.1240, -112.8740, -35.8980

Sweetspot

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



167.3410, 28.2820, 38.1220



237.8800, 9.6260, 12.7780



149.5450, -16.5110, 29.4170



117.5650, 5.9590, 7.6470



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.



167.3410, 28.2820, 38.1220



183.5850, 39.8790, 53.7270



162.6670, 41.4430, 25.3710



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.8580, 15.8600, 20.9480

Inverse Universe

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



167.3410, 28.2820, 38.1220



183.5850, 39.8790, 53.7270



190.3330, -41.4430, -25.3710



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 167.3410, 28.2820, 38.1220 looks on a white background.

Color Contrast Check

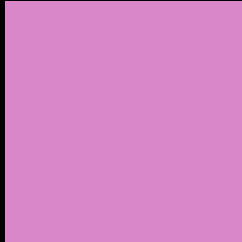
Large Text (above 18pt) WCAG AA × Fail

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 167.3410, 28.2820, 38.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

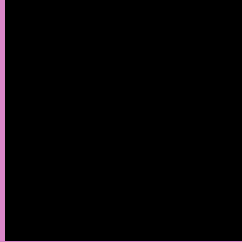
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.3410, 28.2820, 38.1220

Background



This preview shows how black text looks on a background with the YIQ color 167.3410, 28.2820, 38.1220.



This preview shows how white text looks on a background with the YIQ color 167.3410, 28.2820,

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

167.3410, 28.2820, 38.1220

Protanopia

163.2410, -27.8790, 15.1690

Deuteranopia

164.2290, -10.4100, 12.4540



Tritanopia

165.5860, 36.9970, 17.8370

Trichromacy



Original Color

167.3410, 28.2820, 38.1220

Protanomaly

164.9340, -7.6610, 23.2110

Deuteranomaly

165.0400, 3.6640, 21.7120

Tritanomaly

166.3610, 33.5570, 25.1170

Monochromacy



Original Color

167.3410, 28.2820, 38.1220

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.0050, 10.7720, 14.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.3410, 28.2820, 38.1220 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(218, 135, 201)` looks like.

```
.text, #text, p{  
    color:rgb(218, 135, 201)  
}
```

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(218, 135, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 135, 201) }
```

Border

The CSS property to change the border of an element to YIQ 167.3410, 28.2820, 38.1220 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(218, 135, 201) }
```


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

```
.border{ border-color:rgb(218, 135, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 135, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 135, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 135, 201);  
box-shadow:4px 4px 4px 4px rgb(218, 135,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 167.3410, 28.2820, 38.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 135, 201) }
```

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

```
.background{ background-color: rgb(218,  
135, 201) }
```

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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