

Converting Colors

YIQ(110.8230, 60.7810, 82.4210)

Have a look what the booklet for
YIQ(110.8230, 60.7810, 82.4210)
contains.

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Color

**YIQ(110.8230, 60.7810,
82.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	DC29B8
RGB	220, 41, 184
RGB Percent	86%, 16%, 72%
CMY	0.1367, 0.8395, 0.2783
CMYK	0.00, 0.81, 0.16, 0.14
HSL	312°, 72%, 51%
HSV	312°, 81%, 86%
XYZ	39.0005, 20.2789, 47.2244
YIQ	110.8230, 60.7810, 82.4210

Conversions

Conversions Part 2

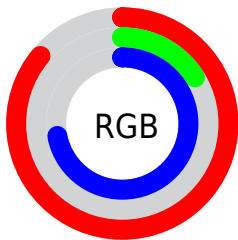
Format	Color
R _{YB}	220, 41, 184
Decimal	14428600
CIE _{Lab}	52.15, 77.79, -33.89
CIE _{LCh}	52, 84.853, 336.461
Yxy	20.2789, 0.3662, 0.1904
Android (android.graphics.Color)	4292618680 (0xFFDC29B8)
YUV	110.8230, 36.0763, 95.7482
Hunter-Lab	45.0321, 75.7855, -30.6538

Details

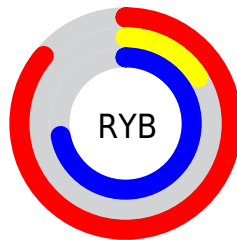
The YIQ color **110.8230, 60.7810, 82.4210** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **150.1770, -60.7810, -82.4210**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5880, 44.9650, 71.6930**, and **62.6600, 53.6300, 74.3500** is the 20% darker color. If you saturate the color by 10%, you get **97.4530, 68.1150, 92.6830**, and if you desaturate by 10%, it is **124.1930, 53.4470, 72.1590**.

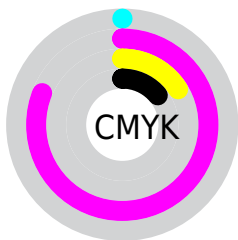
Distribution



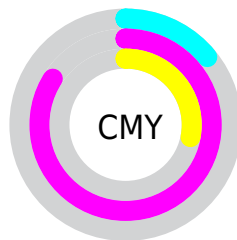
- Red (86%)
- Green (16%)
- Blue (72%)



- Red (86%)
- Yellow (16%)
- Blue (72%)



- Cyan (0%)
- Magenta (81%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8230, 60.7810, 82.4210 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 110.8230, 60.7810, 82.4210 by changing the saturation by 10% instead.

110.8230, 60.7810,
82.4210

110.8230, 60.7810,
82.4210

255.0000, -0.0000,
-0.0000

74.7080, 62.8430,
89.1070

167.5880, 44.9650,
71.6930

63.0730, 53.9050,
74.8730

186.9080, 31.9000,
60.6680

51.1390, 44.3710,
60.4270

204.5180, 23.6500,
44.9780

39.9170, 35.7080,
46.7160

221.5410, 15.6750,
29.8110

28.9230, 26.4030,
33.6270

239.1510, 7.4250,
14.1210

18.0430, 16.7770,
20.8490

0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 110.8230, 60.7810,
82.4210

■ 110.8230, 60.7810,
82.4210

■ 97.4530, 68.1150,
92.6830

■ 124.1930, 53.4470,
72.1590

■ 85.8440, 74.6240,
101.3760

■ 137.6770, 45.7920,
62.2080

■ 151.0470, 38.4580,
51.9460

■ 164.5310, 30.8030,
41.9950

■ 177.9010, 23.4690,
31.7330

■ 191.3850, 15.8140,
21.7820

■ 204.7550, 8.4800,
11.5200

■ 218.2390, 0.8250,
1.5690

■ 231.6090, -6.5090,
-8.6930

Harmonies

Analogous

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



125.6150, -21.5590, 54.8330



110.8230, 60.7810, 82.4210



86.9200, 111.8560, 87.4080

Triad

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



110.8230, 60.7810, 82.4210



115.5120, 46.7270, -37.3770



114.3380, -109.7600, -15.2320

Complementary

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



110.8230, 60.7810, 82.4210



150.1770, -60.7810, -82.4210

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.



106.2440, -86.9690, -37.3130



110.8230, 60.7810, 82.4210



99.7880, -7.7370, -63.5530

Square

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



110.8230, 60.7810, 82.4210



116.1300, 89.8660, -9.7020



95.5910, -61.1060, -60.0020



115.3590, -122.2800, 2.4240

Rectangle

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



110.8230, 60.7810, 82.4210



95.9160, 116.5380, 57.6100



95.5910, -61.1060, -60.0020



111.8300, -102.6980, -22.0740

Sweetspot

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



110.8230, 60.7810, 82.4210



217.8250, 20.6270, 28.1710



72.1700, -36.0030, 63.3010



105.3690, 12.7430, 16.8630



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.



110.8230, 60.7810, 82.4210



102.5500, 84.8000, 115.2000



100.6770, 89.3500, 54.7420



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.9720, 15.5390, 21.2590

Inverse Universe

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



110.8230, 60.7810, 82.4210



102.5500, 84.8000, 115.2000



160.3230, -89.3500, -54.7420



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.9720, 15.5390, 21.2590

Previews

White Background



This preview shows how the YIQ color 110.8230, 60.7810, 82.4210 looks on a white background.

Color Contrast Check

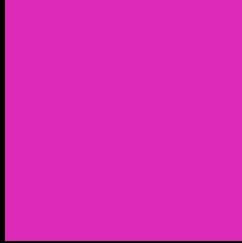
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8230, 60.7810, 82.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

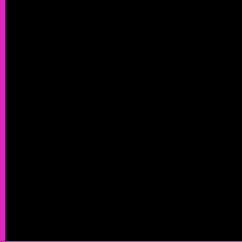
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.8230, 60.7810, 82.4210

Background



This preview shows how black text looks on a background with the YIQ color 110.8230, 60.7810, 82.4210.



This preview shows how white text looks on a background with the YIQ color 110.8230, 60.7810,

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

110.8230, 60.7810, 82.4210

Protanopia

111.1880, -90.2810, 22.7350

Deuteranopia

124.5140, -24.3940, 12.5820



Tritanopia

119.7390, 76.4710, 29.3270

Trichromacy



Original Color

110.8230, 60.7810, 82.4210



Protanomaly

111.1630, -35.2660, 44.4300



Deuteranomaly

119.3200, 6.4120, 37.9960



Tritanomaly

116.5220, 70.5530, 48.4810

Monochromacy



Original Color

110.8230, 60.7810, 82.4210



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.3630, 22.0480, 29.9520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8230, 60.7810, 82.4210 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(220, 41, 184)` looks like.

```
.text, #text, p{  
    color:rgb(220, 41, 184)  
}
```

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(220, 41, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 41, 184) }
```

Border

The CSS property to change the border of an element to YIQ 110.8230, 60.7810, 82.4210 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(220, 41, 184) }
```


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

```
.border{ border-color:rgb(220, 41, 184) }
```

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

Here you see how a box with a 4 pixel rgb(220, 41, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 41, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 41, 184);  
box-shadow:4px 4px 4px 4px rgb(220, 41,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8230, 60.7810, 82.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 41, 184) }
```

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

```
.background{ background-color: rgb(220, 41,  
184) }
```

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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