

Converting Colors

YIQ(164.9810, 29.6560, 46.2640)

Have a look what the booklet for
YIQ(164.9810, 29.6560, 46.2640)
contains.

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Color

**YIQ(164.9810, 29.6560,
46.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7FD3
RGB	222, 127, 211
RGB Percent	87%, 50%, 83%
CMY	0.1291, 0.5021, 0.1725
CMYK	0.00, 0.43, 0.05, 0.13
HSL	307°, 59%, 68%
HSV	307°, 43%, 87%
XYZ	49.4897, 35.4131, 65.8639
YIQ	164.9810, 29.6560, 46.2640

Conversions

Conversions Part 2

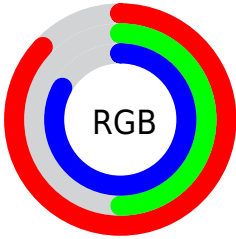
Format	Color
R _Y B	222, 127, 211
Decimal	14581715
CIE Lab	66.07, 48.50, -27.65
CIE LCh	66, 55.830, 330.317
Yxy	35.4131, 0.3283, 0.2349
Android (android.graphics.Color)	4292771795 (0xFFDE7FD3)
YUV	164.9810, 22.6874, 50.0057
Hunter-Lab	59.5089, 44.3064, -23.9653

Details

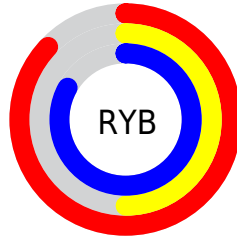
The YIQ color **164.9810, 29.6560, 46.2640** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.0190, -29.6560, -46.2640**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.1490, 20.0750, 38.1790**, and **110.5570, 27.9140, 44.7940** is the 20% darker color. If you saturate the color by 10%, you get **151.7250, 36.6690, 56.8370**, and if you desaturate by 10%, it is **178.2370, 22.6430, 35.6910**.

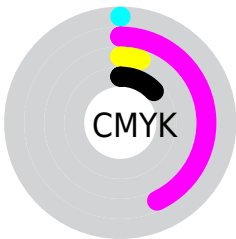
Distribution



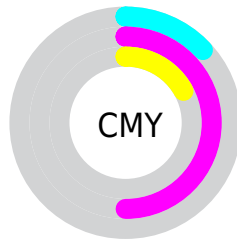
- Red (87%)
- Green (50%)
- Blue (83%)



- Red (87%)
- Yellow (50%)
- Blue (83%)



- Cyan (0%)
- Magenta (43%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.9810, 29.6560, 46.2640 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 164.9810, 29.6560, 46.2640 by changing the saturation by 10% instead.

164.9810, 29.6560,
46.2640

164.9810, 29.6560,
46.2640

255.0000, -0.0000,
-0.0000

137.2690, 28.7850,
45.5290

212.1490, 20.0750,
38.1790

110.5570, 27.9140,
44.7940

228.5850, 12.3750,
23.5350

83.9590, 26.7220,
44.3700

245.6080, 4.4000,
8.3680

55.1380, 27.7760,
47.2960

34.2360, 24.3840,
42.6880

24.1390, 16.8670,
30.2350

14.7540, 10.2210,

18.5170

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 164.9810, 29.6560,
46.2640

■ 164.9810, 29.6560,
46.2640

■ 151.7250, 36.6690,
56.8370

■ 178.2370, 22.6430,
35.6910

■ 138.5830, 43.3610,
67.7210

■ 191.3790, 15.9510,
24.8070

■ 124.7400, 50.6490,
78.8170

■ 205.2220, 8.6630,
13.7110

■ 111.5980, 57.3410,
89.7010

■ 218.3640, 1.9710,
2.8270

■ 98.3420, 64.3540,
100.2740

■ 231.6200, -5.0420,
-7.7460

■ 88.7220, 69.3960,
108.0200

■ 241.9410,
-10.6800, -15.7040

■ 242.1690,
-11.3220, -15.0820

■ 242.5110,
-12.2850, -14.1490

■ 242.7390,
-12.9270, -13.5270

Harmonies

Analogous

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



163.1840, -22.5640, 34.4920



164.9810, 29.6560, 46.2640



161.3100, 65.0980, 42.7140

Triad

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



164.9810, 29.6560, 46.2640



155.1140, 51.2640, -25.9840



131.9480, -118.0100, -30.9220

Complementary

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



164.9810, 29.6560, 46.2640



184.0190, -29.6560, -46.2640

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.



126.8350, -102.2350, -46.9950



164.9810, 29.6560, 46.2640



149.7930, 12.2030, -39.4530

Square

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



164.9810, 29.6560, 46.2640



157.7880, 73.6340, -1.8700



138.7060, -44.8320, -46.5600



132.6440, -128.2370, -16.2770

Rectangle

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



164.9810, 29.6560, 46.2640



159.6190, 76.9290, 32.0410



138.7060, -44.8320, -46.5600



130.7110, -113.1490, -36.4210

Sweetspot

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



164.9810, 29.6560, 46.2640



235.1730, 10.3590, 16.0150



140.5210, -25.1310, 31.4530



115.3310, 6.7380, 10.0500



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.



164.9810, 29.6560, 46.2640



176.9800, 40.5650, 63.3250



159.7370, 44.4220, 31.9580



105.4290, 3.3460, 5.4420



70.2940, 55.1410, 85.5170



19.2540, 14.8050, 23.5490

Inverse Universe

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



164.9810, 29.6560, 46.2640



176.9800, 40.5650, 63.3250



189.2630, -44.4220, -31.9580



105.4290, 3.3460, 5.4420



70.2940, 55.1410, 85.5170



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 164.9810, 29.6560, 46.2640 looks on a white background.

Color Contrast Check

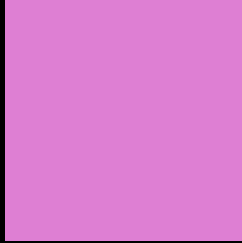
Large Text (above 18pt) WCAG AA × Fail

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 164.9810, 29.6560, 46.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

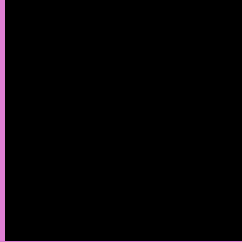
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.9810, 29.6560, 46.2640

Background



This preview shows how black text looks on a background with the YIQ color 164.9810, 29.6560, 46.2640.



This preview shows how white text looks on a background with the YIQ color 164.9810, 29.6560,

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

164.9810, 29.6560, 46.2640

Protanopia

160.2000, -37.8290, 19.2830

Deuteranopia

161.8630, -18.0670, 13.5570



Tritanopia

163.5650, 41.4900, 19.0100

Trichromacy



Original Color

164.9810, 29.6560, 46.2640



Protanomaly

161.9860, -13.4390, 28.8090



Deuteranomaly

163.1090, -0.7840, 25.2320



Tritanomaly

164.0350, 37.5910, 29.1030

Monochromacy



Original Color

164.9810, 29.6560, 46.2640



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

164.9990, 10.9090, 17.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.9810, 29.6560, 46.2640 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(222, 127, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 127, 211)  
}
```

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(222, 127, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 127, 211) }
```

Border

The CSS property to change the border of an element to YIQ 164.9810, 29.6560, 46.2640 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(222, 127, 211) }
```


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

```
.border{ border-color:rgb(222, 127, 211) }
```

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

Here you see how a box with a 4 pixel rgb(222, 127, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 127, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 127, 211);  
box-shadow:4px 4px 4px 4px rgb(222, 127,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 164.9810, 29.6560, 46.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 127, 211) }
```

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

```
.background{ background-color: rgb(222,  
127, 211) }
```

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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