

Converting Colors

YIQ(154.8500, 28.6470, 48.0310)

Have a look what the booklet for
YIQ(154.8500, 28.6470, 48.0310)
contains.

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Color

**YIQ(154.8500, 28.6470,
48.0310)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D474CD |
| RGB | 212, 116, 205 |
| RGB Percent | 83%, 45%, 80% |
| CMY | 0.1683, 0.5452, 0.1960 |
| CMYK | 0.00, 0.45, 0.03, 0.17 |
| HSL | 304°, 53%, 64% |
| HSV | 304°, 45%, 83% |
| XYZ | 44.4338, 30.8977, 61.3868 |
| YIQ | 154.8500, 28.6470, 48.0310 |

Conversions

Conversions Part 2

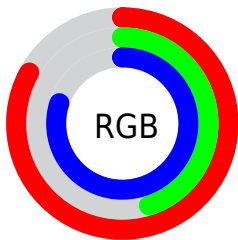
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 116, 205 |
| Decimal | 13923533 |
| CIE Lab | 62.42, 50.03, -30.01 |
| CIE LCh | 62, 58.346, 329.042 |
| Yxy | 30.8977, 0.3250, 0.2260 |
| Android (android.graphics.Color) | 4292113613 (0xFFD474CD) |
| YUV | 154.8500, 24.7240, 50.1206 |
| Hunter-Lab | 55.5857, 45.4136, -26.5677 |

Details

The YIQ color **154.8500, 28.6470, 48.0310** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.1500, -28.6470, -48.0310**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 23.1000, 43.9320**, and **100.4260, 26.9050, 46.5610** is the 20% darker color. If you saturate the color by 10%, you get **142.2950, 35.0640, 58.3920**, and if you desaturate by 10%, it is **167.4050, 22.2300, 37.6700**.

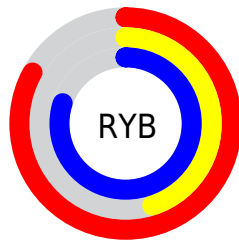
Distribution



Red (83%)

Green (45%)

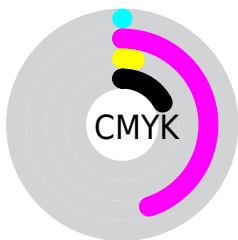
Blue (80%)



Red (83%)

Yellow (45%)

Blue (80%)

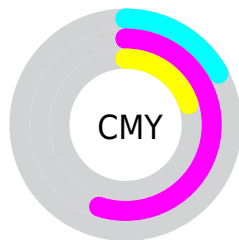


Cyan (0%)

Magenta (45%)

Yellow (3%)

Black (17%)



Cyan (17%)


Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.8500, 28.6470, 48.0310 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 154.8500, 28.6470, 48.0310 by changing the saturation by 10% instead.


 154.8500, 28.6470,
48.0310


 154.8500, 28.6470,
48.0310


255.0000, -0.0000,
-0.0000


 127.1380, 27.7760,
47.2960


 205.6920, 23.1000,
43.9320


 100.4260, 26.9050,
46.5610


 222.1280, 15.4000,
29.2880

 72.9530, 26.8590,
47.3950

 238.5640, 7.7000,
14.6440

 41.4850, 28.4170,
52.2010

 30.9750, 20.6250,
39.2250

 21.1770, 13.7040,
26.9840

 9.6990, 2.8860,

13.7820

■ 0.0000, 0.0000,
0.0000

■ 154.8500, 28.6470,
48.0310

■ 154.8500, 28.6470,
48.0310

■ 142.2950, 35.0640,
58.3920

■ 167.4050, 22.2300,
37.6700

■ 129.8540, 41.1600,
69.0640

■ 179.8460, 16.1340,
26.9980

■ 116.7120, 47.8520,
79.9480

■ 192.9880, 9.4420,
16.1140

■ 104.2710, 53.9480,
90.6200

■ 205.4290, 3.3460,
5.4420

■ 91.7160, 60.3650,
100.9810

■ 217.9840, -3.0710,
-4.9190

■ 85.7320, 63.4360,
105.9000

■ 230.4250, -9.1670,
-15.5910

■ 237.6970,
-13.1090, -21.2450

■ 237.8110,
-13.4300, -20.9340

■ 238.0390,
-14.0720, -20.3120

Harmonies

Analogous

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



153.1450, -26.8280, 34.6760



154.8500, 28.6470, 48.0310



150.4890, 66.1520, 45.6400

Triad

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



154.8500, 28.6470, 48.0310



144.9140, 54.7030, -27.7370



125.5250, -112.3250, -29.3250

Complementary

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



154.8500, 28.6470, 48.0310



173.1500, -28.6470, -48.0310

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.



120.1840, -95.9080, -46.0200



154.8500, 28.6470, 48.0310



139.9950, 14.4500, -41.6300

Square

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



154.8500, 28.6470, 48.0310



147.5710, 75.7430, -1.5450



127.3420, -46.8030, -49.3870



127.0360, -123.4690, -14.5810

Rectangle

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



154.8500, 28.6470, 48.0310



148.5700, 78.6250, 34.3450



127.3420, -46.8030, -49.3870



124.1740, -107.1430, -35.1350

Sweetspot

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



154.8500, 28.6470, 48.0310



233.5260, 10.8630, 17.8950



128.7380, -27.2400, 31.1280



114.8580, 6.6920, 10.8840



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.



154.8500, 28.6470, 48.0310



172.8540, 41.1600, 69.0640



149.4920, 43.7340, 33.4140



100.4290, 3.3460, 5.4420



69.1410, 51.1980, 85.3900



17.4170, 12.7880, 21.5560

Inverse Universe

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



154.8500, 28.6470, 48.0310



172.8540, 41.1600, 69.0640



178.5080, -43.7340, -33.4140



100.4290, 3.3460, 5.4420



69.1410, 51.1980, 85.3900



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 154.8500, 28.6470, 48.0310 looks on a white background.

Color Contrast Check

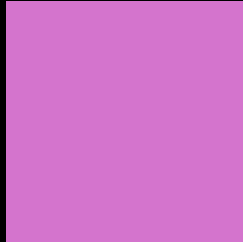
Large Text (above 18pt) WCAG AA × Fail

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 154.8500, 28.6470, 48.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

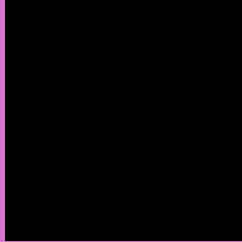
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8500, 28.6470, 48.0310

Background



This preview shows how black text looks on a background with the YIQ color 154.8500, 28.6470, 48.0310.



This preview shows how white text looks on a background with the YIQ color 154.8500, 28.6470,

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

154.8500, 28.6470, 48.0310

Protanopia

150.2750, -42.4140, 19.7780

Deuteranopia

152.0090, -21.4140, 13.6420



Tritanopia

153.2660, 40.8940, 18.7980

Trichromacy



Original Color

154.8500, 28.6470, 48.0310



Protanomaly

152.0720, -16.5570, 30.2510



Deuteranomaly

152.9670, -3.2600, 26.0520



Tritanomaly

153.9640, 36.3530, 29.5130

Monochromacy



Original Color

154.8500, 28.6470, 48.0310



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.1130, 10.5880, 17.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8500, 28.6470, 48.0310 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(212, 116, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 116, 205)  
}
```

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(212, 116, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 116, 205) }
```

Border

The CSS property to change the border of an element to YIQ 154.8500, 28.6470, 48.0310 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(212, 116, 205) }
```


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

```
.border{ border-color:rgb(212, 116, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 116, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 116, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 116, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 116,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8500, 28.6470, 48.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 116, 205) }
```

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

```
.background{ background-color: rgb(212,  
116, 205) }
```

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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