

Converting Colors

YIQ(130.1330, 44.5080, 63.4520)

Have a look what the booklet for
YIQ(130.1330, 44.5080, 63.4520)
contains.

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Color

**YIQ(130.1330, 44.5080,
63.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	D44DBD
RGB	212, 77, 189
RGB Percent	83%, 30%, 74%
CMY	0.1682, 0.6982, 0.2587
CMYK	0.00, 0.64, 0.11, 0.17
HSL	310°, 61%, 57%
HSV	310°, 64%, 83%
XYZ	39.0179, 22.9868, 50.5376
YIQ	130.1330, 44.5080, 63.4520

Conversions

Conversions Part 2

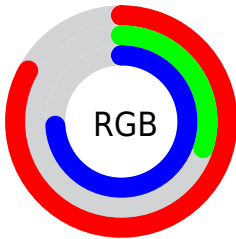
Format	Color
R _{YB}	212, 77, 189
Decimal	13913533
CIE Lab	55.06, 65.31, -32.34
CIE LCh	55, 72.881, 333.661
Yxy	22.9868, 0.3467, 0.2043
Android (android.graphics.Color)	4292103613 (0xFFD44DBD)
YUV	130.1330, 29.0214, 71.7974
Hunter-Lab	47.9446, 61.3623, -28.9354

Details

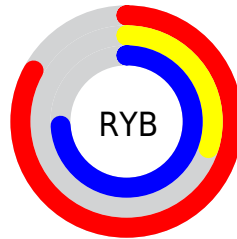
The YIQ color **130.1330, 44.5080, 63.4520** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **158.8670, -44.5080, -63.4520**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9470, 36.1640, 60.4840**, and **61.4360, 48.4490, 74.6330** is the 20% darker color. If you saturate the color by 10%, you get **117.3500, 51.5670, 73.1910**, and if you desaturate by 10%, it is **142.9160, 37.4490, 53.7130**.

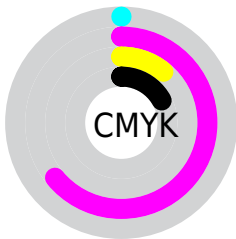
Distribution



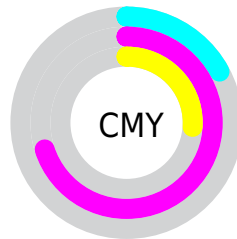
- Red (83%)
- Green (30%)
- Blue (74%)



- Red (83%)
- Yellow (30%)
- Blue (74%)



- Cyan (0%)
- Magenta (64%)
- Yellow (11%)
- Black (17%)



- Cyan (17%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1330, 44.5080, 63.4520 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 130.1330, 44.5080, 63.4520 by changing the saturation by 10% instead.

130.1330, 44.5080,
63.4520

130.1330, 44.5080,
63.4520

255.0000, -0.0000,
-0.0000

100.1870, 44.4160,
65.1200

182.9470, 36.1640,
60.4840

61.4360, 48.4490,
74.6330

200.9960, 25.3000,
48.1160

50.2140, 39.7860,
60.9220

217.4320, 17.6000,
33.4720

38.9920, 31.1230,
47.2110

235.0420, 9.3500,
17.7820

28.1830, 22.7350,
34.0230

252.0650, 1.3750,
2.6150

17.9010, 14.3010,
21.6690

1.7100, -4.8150,

4.6650

■ 0.0000, 0.0000,
0.0000

■ 130.1330, 44.5080,
63.4520

■ 130.1330, 44.5080,
63.4520

■ 117.3500, 51.5670,
73.1910

■ 142.9160, 37.4490,
53.7130

■ 104.6810, 58.3050,
83.2410

■ 155.5850, 30.7110,
43.6630

■ 91.3110, 65.6390,
93.5030

■ 168.9550, 23.3770,
33.4010

■ 83.4520, 69.8560,
99.6800

■ 181.7380, 16.3180,
23.6620

■ 194.4070, 9.5800,
13.6120

■ 207.1900, 2.5210,
3.8730

■ 219.8590, -4.2170,
-6.1770

■ 233.2290,
-11.5510, -16.4390

■ 238.3810,
-15.0350, -19.3790

Harmonies

Analogous

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



133.8500, -24.0790, 45.4330



130.1330, 44.5080, 63.4520



119.4090, 87.4690, 61.3010

Triad

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



130.1330, 44.5080, 63.4520



122.9320, 54.2920, -36.8120



116.2470, -108.2460, -20.6460

Complementary

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



130.1330, 44.5080, 63.4520



158.8670, -44.5080, -63.4520

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.



109.0650, -88.0230, -40.2390



130.1330, 44.5080, 63.4520



112.5900, 10.5560, -59.1720

Square

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



130.1330, 44.5080, 63.4520



123.2070, 90.9670, -13.1370



99.7800, -66.0120, -59.1960



117.7410, -120.7200, -3.8240

Rectangle

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



130.1330, 44.5080, 63.4520



119.6050, 97.8800, 43.3200



99.7800, -66.0120, -59.1960



114.5540, -102.1010, -27.3890

Sweetspot

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



130.1330, 44.5080, 63.4520



225.9120, 15.7680, 22.6160



98.9680, -30.2230, 46.6490



109.7060, 10.1760, 13.8240



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.



130.1330, 44.5080, 63.4520



137.3600, 63.9430, 91.1990



122.4950, 66.0150, 42.6150



100.3150, 3.6670, 5.1310



67.3170, 56.3340, 80.4140



16.9610, 14.0720, 20.3120

Inverse Universe

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



130.1330, 44.5080, 63.4520



137.3600, 63.9430, 91.1990



166.5050, -66.0150, -42.6150



100.3150, 3.6670, 5.1310



67.3170, 56.3340, 80.4140



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 130.1330, 44.5080, 63.4520 looks on a white background.

Color Contrast Check

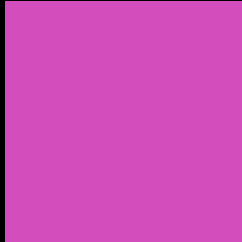
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1330, 44.5080, 63.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

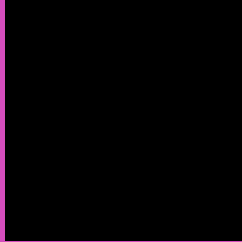
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1330, 44.5080, 63.4520

Background



This preview shows how black text looks on a background with the YIQ color 130.1330, 44.5080, 63.4520.



This preview shows how white text looks on a background with the YIQ color 130.1330, 44.5080,

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

130.1330, 44.5080, 63.4520

Protanopia

127.4010, -60.2040, 22.8040

Deuteranopia

132.2260, -23.5230, 13.3170



Tritanopia

131.8940, 59.7370, 24.2250

Trichromacy



Original Color

130.1330, 44.5080, 63.4520



Protanomaly

128.4770, -21.8310, 37.7290



Deuteranomaly

131.5810, 1.0030, 31.3950



Tritanomaly

131.5150, 54.0950, 38.3750

Monochromacy



Original Color

130.1330, 44.5080, 63.4520



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.2110, 16.3640, 22.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1330, 44.5080, 63.4520 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, 77, 189)` looks like.

```
.text, #text, p{  
    color:rgb(212, 77, 189)  
}
```

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, 77, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 77, 189) }
```

Border

The CSS property to change the border of an element to YIQ 130.1330, 44.5080, 63.4520 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, 77, 189) }
```


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

```
.border{ border-color:rgb(212, 77, 189) }
```

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

Here you see how a box with a 4 pixel rgb(212, 77, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 77, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 77, 189);  
box-shadow:4px 4px 4px 4px rgb(212, 77,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1330, 44.5080, 63.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 77, 189) }
```

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

```
.background{ background-color: rgb(212, 77,  
189) }
```

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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