

Converting Colors

YIQ(130.9380, 41.5240, 84.5000)

Have a look what the booklet for
YIQ(130.9380, 41.5240, 84.5000)
contains.

YIQ(130.9380, 41.5240, 84.5000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.9380, 41.5240,
84.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	DF41E5
RGB	223, 65, 229
RGB Percent	87%, 25%, 90%
CMY	0.1250, 0.7453, 0.1019
CMYK	0.03, 0.72, 0.00, 0.10
HSL	298°, 76%, 58%
HSV	298°, 72%, 90%
XYZ	46.4997, 25.1380, 76.5371
YIQ	130.9380, 41.5240, 84.5000

Conversions

Conversions Part 2

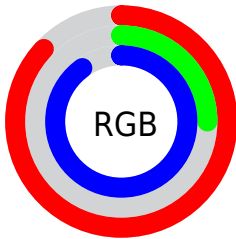
Format	Color
R _{YB}	223, 65, 229
Decimal	14631397
CIE Lab	57.21, 78.42, -51.60
CIE LCh	57, 93.877, 326.653
Yxy	25.1380, 0.3138, 0.1697
Android (android.graphics.Color)	4292821477 (0xFFDF41E5)
YUV	130.9380, 48.3446, 80.7384
Hunter-Lab	50.1379, 77.8063, -55.4117

Details

The YIQ color **130.9380, 41.5240, 84.5000** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.0620, -41.5240, -84.5000**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.8640, 35.2000, 66.9440**, and **68.7580, 42.2110, 88.5710** is the 20% darker color. If you saturate the color by 10%, you get **117.1380, 47.2530, 96.3170**, and if you desaturate by 10%, it is **144.7380, 35.7950, 72.6830**.

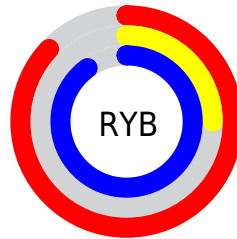
Distribution



Red (87%)

Green (25%)

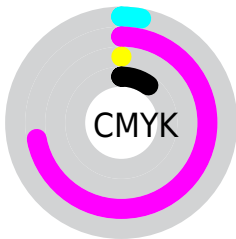
Blue (90%)



Red (87%)

Yellow (25%)

Blue (90%)

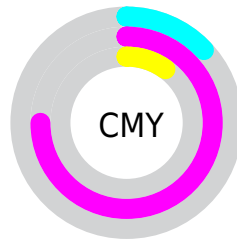


Cyan (3%)

Magenta (72%)

Yellow (0%)

Black (10%)



Cyan (13%)


Magenta (75%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.9380, 41.5240, 84.5000 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 130.9380, 41.5240, 84.5000 by changing the saturation by 10% instead.


 130.9380, 41.5240,
84.5000


 130.9380, 41.5240,
84.5000


255.0000, -0.0000,
-0.0000


 94.1220, 44.1820,
91.3980


 179.8640, 35.2000,
66.9440


 68.7580, 42.2110,
88.5710


 196.8870, 27.2250,
51.7770


 57.0090, 33.5940,
74.0260


 214.4970, 18.9750,
36.0870

 45.2600, 24.9770,
59.4810

 232.1070, 10.7250,
20.3970

 34.0380, 16.3140,
45.7700

 249.7170, 2.4750,
4.7070

 23.1150, 8.2470,
32.2710

 10.3270, -4.6340,

17.9100

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 130.9380, 41.5240,
84.5000

■ 130.9380, 41.5240,
84.5000

■ 117.1380, 47.2530,
96.3170

■ 144.7380, 35.7950,
72.6830


■ 103.3380, 52.9820,
108.1340

■ 158.5380, 30.0660,
60.8660


■ 92.1850, 58.2070,
118.0710


■ 172.3380, 24.3370,
49.0490

■ 185.8390, 18.0120,
37.0200

 199.0520, 12.5580,
25.7260

 212.8520, 6.8290,
13.9090

 226.6520, 1.1000,
2.0920

 240.4520, -4.6290,
-9.7250

 244.8600, -5.9580,
-13.1740

Harmonies

Analogous

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



127.6160, -58.8310, 36.4730



130.9380, 41.5240, 84.5000



93.3450, 103.8300, 100.7100

Triad

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



130.9380, 41.5240, 84.5000



129.2220, 68.2750, -31.4130



124.2030, -114.1140, -24.4340

Complementary

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



130.9380, 41.5240, 84.5000



163.0620, -41.5240, -84.5000

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.



114.0400, -86.8750, -50.0350



130.9380, 41.5240, 84.5000



118.5040, 13.6740, -60.6140

Square

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



130.9380, 41.5240, 84.5000



123.9700, 114.1640, 1.4920



100.5030, -55.6470, -76.3430



127.0990, -127.7800, -8.0360

Rectangle

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



130.9380, 41.5240, 84.5000



87.1890, 121.1640, 83.9160



100.5030, -55.6470, -76.3430



121.1250, -105.4470, -32.8310

Sweetspot

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



130.9380, 41.5240, 84.5000



222.7040, 13.6580, 27.8180



88.3920, -54.8440, 46.8200



108.6180, 7.6080, 16.3120



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.



130.9380, 41.5240, 84.5000



124.0550, 55.4570, 112.8410



124.2960, 68.8540, 62.7580



107.6570, 2.7040, 6.0640



71.8340, 45.0530, 92.1330



20.4650, 12.8330, 26.2490

Inverse Universe

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



114.7200, 95.8180, 36.6340



102.3930, 127.9560, 48.9160



169.7040, -68.8540, -62.7580



106.7020, 6.8310, 2.8550



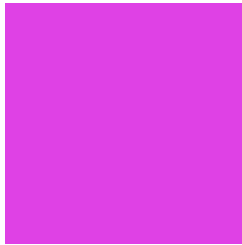
54.2050, 104.7580, 39.8140



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 130.9380, 41.5240, 84.5000 looks on a white background.

Color Contrast Check

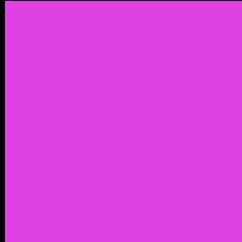
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9380, 41.5240, 84.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

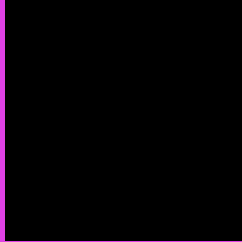
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9380, 41.5240, 84.5000

Background



This preview shows how black text looks on a background with the YIQ color 130.9380, 41.5240, 84.5000.



This preview shows how white text looks on a background with the YIQ color 130.9380, 41.5240,

84.5000.

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

130.9380, 41.5240, 84.5000

Protanopia

129.5550, -75.1970, 24.6990

Deuteranopia

133.6650, -52.5000, 15.3400



Tritanopia

137.3070, 60.0120, 24.7480

Trichromacy



Original Color

130.9380, 41.5240, 84.5000



Protanomaly

130.2990, -32.6530, 46.6350



Deuteranomaly

132.3250, -18.3470, 40.6690



Tritanomaly

134.7850, 53.6350, 46.7150

Monochromacy



Original Color

130.9380, 41.5240, 84.5000



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.8830, 14.7120, 30.7440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9380, 41.5240, 84.5000 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(223, 65, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 65, 229)  
}
```

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(223, 65, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 65, 229) }
```

Border

The CSS property to change the border of an element to YIQ 130.9380, 41.5240, 84.5000 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(223, 65, 229) }
```


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

```
.border{ border-color:rgb(223, 65, 229) }
```

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

Here you see how a box with a 4 pixel rgb(223, 65, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 65, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 65, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 65,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9380, 41.5240, 84.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 65, 229) }
```

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

```
.background{ background-color: rgb(223, 65,  
229) }
```

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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