

Converting Colors

YIQ(133.4460, 42.4890, 72.5130)

Have a look what the booklet for
YIQ(133.4460, 42.4890, 72.5130)
contains.

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Color

**YIQ(133.4460, 42.4890,
72.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4BD2
RGB	219, 75, 210
RGB Percent	86%, 29%, 82%
CMY	0.1407, 0.7061, 0.1764
CMYK	0.00, 0.66, 0.04, 0.14
HSL	304°, 67%, 58%
HSV	304°, 66%, 86%
XYZ	43.3931, 24.7549, 63.4745
YIQ	133.4460, 42.4890, 72.5130

Conversions

Conversions Part 2

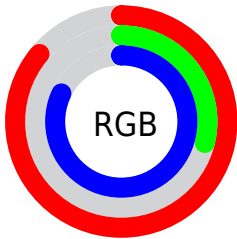
Format	Color
R _{YB}	219, 75, 210
Decimal	14371794
CIE Lab	56.84, 71.06, -41.50
CIE LCh	57, 82.284, 329.716
Yxy	24.7549, 0.3297, 0.1881
Android (android.graphics.Color)	4292561874 (0xFFDB4BD2)
YUV	133.4460, 37.7411, 75.0309
Hunter-Lab	49.7543, 68.6082, -40.8118

Details

The YIQ color **133.4460, 42.4890, 72.5130** 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 **160.5540, -42.4890, -72.5130**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 33.2750, 63.2830**, and **65.5100, 45.6050, 82.1250** is the 20% darker color. If you saturate the color by 10%, you get **120.4180, 48.8600, 83.7080**, and if you desaturate by 10%, it is **146.4740, 36.1180, 61.3180**.

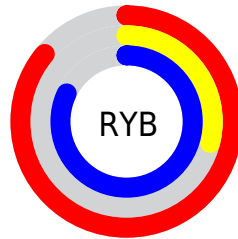
Distribution



Red (86%)

Green (29%)

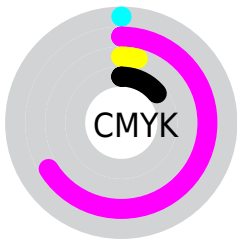
Blue (82%)



Red (86%)

Yellow (29%)

Blue (82%)

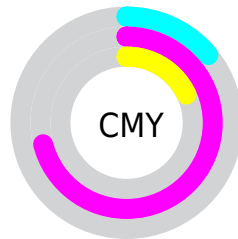


Cyan (0%)

Magenta (66%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (71%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4460, 42.4890, 72.5130 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 133.4460, 42.4890, 72.5130 by changing the saturation by 10% instead.

133.4460, 42.4890,
72.5130

133.4460, 42.4890,
72.5130

255.0000, -0.0000,
-0.0000

102.2120, 43.2680,
74.9160

183.9730, 33.2750,
63.2830

65.5100, 45.6050,
82.1250

200.9960, 25.3000,
48.1160

54.0600, 37.5840,
67.7920

218.0190, 17.3250,
32.9490

42.8380, 28.9210,
54.0810

235.0420, 9.3500,
17.7820

31.6160, 20.2580,
40.3700

252.6520, 1.1000,
2.0920

21.2200, 12.1450,
27.7050

7.8340, -1.9280,

12.9200

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 133.4460, 42.4890,
72.5130

■ 133.4460, 42.4890,
72.5130

■ 120.4180, 48.8600,
83.7080

■ 146.4740, 36.1180,
61.3180

■ 107.2760, 55.5520,
94.5920

■ 159.6160, 29.4260,
50.4340

■ 94.2480, 61.9230,
105.7870

■ 172.6440, 23.0550,
39.2390

■ 88.8510, 64.7190,
110.1830

■ 185.7860, 16.3630,
28.3550

198.8140, 9.9920,
17.1600

211.2550, 3.8960,
6.4880

224.3970, -2.7960,
-4.3960

237.4250, -9.1670,
-15.5910

240.4740,
-10.8630, -17.8950

Harmonies

Analogous

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



134.8250, -40.1260, 44.4020



133.4460, 42.4890, 72.5130



113.3370, 97.1400, 78.7720

Triad

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



133.4460, 42.4890, 72.5130



127.7050, 62.3610, -34.3670



121.5130, -112.0510, -23.2750

Complementary

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



133.4460, 42.4890, 72.5130



160.5540, -42.4890, -72.5130

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.



112.7180, -88.6640, -45.1440



133.4460, 42.4890, 72.5130



117.3300, 14.2240, -59.5680

Square

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



133.4460, 42.4890, 72.5130



126.2410, 102.7950, -7.2290



101.5920, -62.8470, -66.9990



123.5770, -126.1300, -4.8980

Rectangle

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



133.4460, 42.4890, 72.5130



113.8490, 109.4770, 58.9250



101.5920, -62.8470, -66.9990



118.8910, -104.6680, -30.4280

Sweetspot

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



133.4460, 42.4890, 72.5130



224.7210, 14.9880, 25.7400



93.5090, -42.0520, 46.2680



109.5750, 9.1670, 15.5910



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.



133.4460, 42.4890, 72.5130



135.5310, 59.4480, 101.0800



125.4660, 64.9590, 50.7430



103.4290, 3.3460, 5.4420



70.1950, 51.1060, 87.0580



18.6560, 13.6130, 23.1250

Inverse Universe

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



133.4460, 42.4890, 72.5130



135.5310, 59.4480, 101.0800



168.5340, -64.9590, -50.7430



103.4290, 3.3460, 5.4420



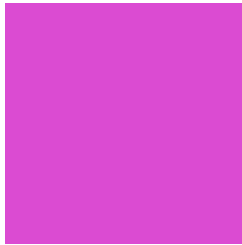
70.1950, 51.1060, 87.0580



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 133.4460, 42.4890, 72.5130 looks on a white background.

Color Contrast Check

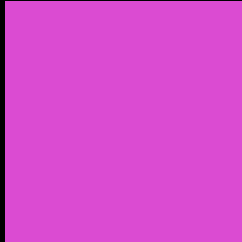
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4460, 42.4890, 72.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

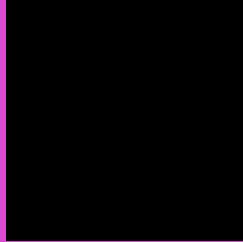
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4460, 42.4890, 72.5130

Background



This preview shows how black text looks on a background with the YIQ color 133.4460, 42.4890, 72.5130.



This preview shows how white text looks on a background with the YIQ color 133.4460, 42.4890,

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

133.4460, 42.4890, 72.5130

Protanopia

128.6690, -75.5180, 25.0100

Deuteranopia

135.5220, -36.0400, 14.3920



Tritanopia

136.5950, 59.1410, 24.0130

Trichromacy



Original Color

133.4460, 42.4890, 72.5130



Protanomaly

130.3650, -33.0190, 42.2530



Deuteranomaly

135.0240, -7.4340, 35.6220



Tritanomaly

135.4380, 52.9940, 41.8100

Monochromacy



Original Color

133.4460, 42.4890, 72.5130



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.1340, 15.2630, 26.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4460, 42.4890, 72.5130 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(219, 75, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 75, 210)  
}
```

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(219, 75, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 75, 210) }
```

Border

The CSS property to change the border of an element to YIQ 133.4460, 42.4890, 72.5130 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(219, 75, 210) }
```


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

```
.border{ border-color:rgb(219, 75, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 75, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 75, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 75, 210); box-shadow:4px 4px 4px 4px rgb(219, 75, 210) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4460, 42.4890, 72.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 75, 210) }
```

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

```
.background{ background-color: rgb(219, 75,  
210) }
```

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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