

Converting Colors

YIQ(145.5390, 37.4930, 63.9330)

Have a look what the booklet for
YIQ(145.5390, 37.4930, 63.9330)
contains.

YIQ(145.5390, 37.4930, 63.9330)	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(145.5390, 37.4930,
63.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	DD5ED5
RGB	221, 94, 213
RGB Percent	87%, 37%, 84%
CMY	0.1330, 0.6316, 0.1646
CMYK	0.00, 0.58, 0.04, 0.13
HSL	304°, 65%, 62%
HSV	304°, 58%, 87%
XYZ	45.8581, 28.1880, 65.9842
YIQ	145.5390, 37.4930, 63.9330

Conversions

Conversions Part 2

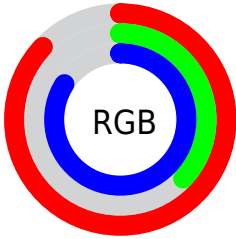
Format	Color
R_{YB}	221, 94, 213
Decimal	14507733
CIE _{Lab}	60.06, 64.32, -38.11
CIE _{LCh}	60, 74.766, 329.352
Yxy	28.1880, 0.3275, 0.2013
Android (android.graphics.Color)	4292697813 (0xFFDD5ED5)
YUV	145.5390, 33.2583, 66.1793
Hunter-Lab	53.0924, 61.2661, -36.5221

Details

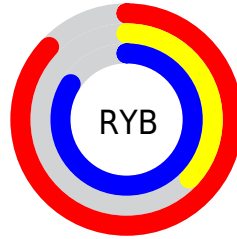
The YIQ color **145.5390, 37.4930, 63.9330** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **169.4610, -37.4930, -63.9330**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.3650, 28.8750, 54.9150**, and **85.5330, 37.6300, 66.9580** is the 20% darker color. If you saturate the color by 10%, you get **132.5110, 43.8640, 75.1280**, and if you desaturate by 10%, it is **158.5670, 31.1220, 52.7380**.

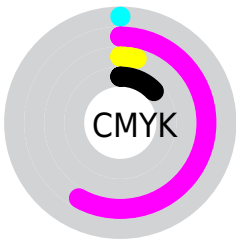
Distribution



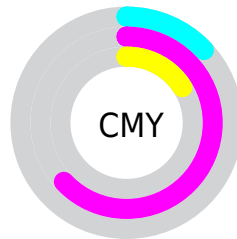
- Red (87%)
- Green (37%)
- Blue (84%)



- Red (87%)
- Yellow (37%)
- Blue (84%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5390, 37.4930, 63.9330 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 145.5390, 37.4930, 63.9330 by changing the saturation by 10% instead.

145.5390, 37.4930,
63.9330

145.5390, 37.4930,
63.9330

255.0000, -0.0000,
-0.0000

116.6530, 37.1720,
64.2440

193.3650, 28.8750,
54.9150

85.5330, 37.6300,
66.9580

210.3880, 20.9000,
39.7480

55.2990, 38.4090,
69.3610

227.4110, 12.9250,
24.5810

44.0770, 29.7460,
55.6500

244.4340, 4.9500,
9.4140

33.1540, 21.6790,
42.1510

23.3560, 14.7580,
29.9100

11.1660, 3.0690,

15.9730

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 145.5390, 37.4930,
63.9330

■ 145.5390, 37.4930,
63.9330

■ 132.5110, 43.8640,
75.1280

■ 158.5670, 31.1220,
52.7380

■ 119.3690, 50.5560,
86.0120


■ 171.7090, 24.4300,
41.8540


■ 106.3410, 56.9270,
97.2070


■ 184.7370, 18.0590,
30.6590

■ 93.1990, 63.6190,
108.0910


■ 197.8790, 11.3670,
19.7750


 89.6770, 65.2690,
111.2290

 211.4940, 4.7210,
8.0570

 224.5220, -1.6500,
-3.1380

 237.6640, -8.3420,
-14.0220

 241.3000,
-10.3130, -16.8490

 241.5280,
-10.9550, -16.2270

Harmonies

Analogous

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



144.8700, -35.9990, 41.1930



145.5390, 37.4930, 63.9330



134.3210, 84.9010, 63.7890

Triad

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



145.5390, 37.4930, 63.9330



135.0920, 65.5250, -36.6430



125.8500, -114.6180, -26.3140

Complementary

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



145.5390, 37.4930, 63.9330



169.4610, -37.4930, -63.9330

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.



118.2120, -93.1110, -47.1510



145.5390, 37.4930, 63.9330



126.2230, 21.8350, -59.8370

Square

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



145.5390, 37.4930, 63.9330



136.2450, 96.9720, -6.3240



107.5250, -69.9080, -65.6840



127.6860, -128.0550, -8.5590

Rectangle

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



145.5390, 37.4930, 63.9330



132.2400, 97.6500, 47.4900



107.5250, -69.9080, -65.6840



123.4560, -107.8770, -32.8450

Sweetspot

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



145.5390, 37.4930, 63.9330



229.4170, 12.7880, 21.5560



110.2720, -37.1910, 40.7690



112.5100, 7.7920, 12.9760



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.



145.5390, 37.4930, 63.9330



150.4340, 51.9310, 88.6270



138.4710, 57.3950, 44.6510



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.



145.5390, 37.4930, 63.9330



150.4340, 51.9310, 88.6270



176.5290, -57.3950, -44.6510



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 145.5390, 37.4930, 63.9330 looks on a white background.

Color Contrast Check

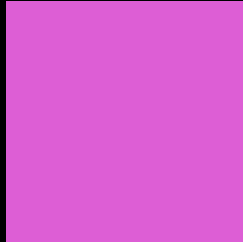
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5390, 37.4930, 63.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

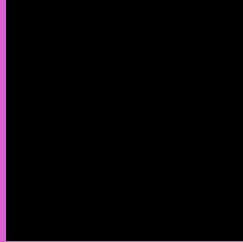
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.5390, 37.4930, 63.9330

Background



This preview shows how black text looks on a background with the YIQ color 145.5390, 37.4930, 63.9330.



This preview shows how white text looks on a background with the YIQ color 145.5390, 37.4930,

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

145.5390, 37.4930, 63.9330

Protanopia

139.8290, -64.2850, 25.1790

Deuteranopia

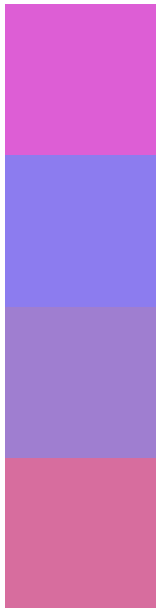
144.9740, -31.5010, 14.7310



Tritanopia

146.1320, 53.1350, 22.7270

Trichromacy



Original Color

145.5390, 37.4930, 63.9330

Protanomaly

141.8940, -27.3790, 39.1570

Deuteranomaly

145.2150, -6.6540, 32.4980

Tritanomaly

146.2800, 47.4470, 37.7110

Monochromacy



Original Color

145.5390, 37.4930, 63.9330

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.6560, 13.6130, 23.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5390, 37.4930, 63.9330 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(221, 94, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 94, 213)  
}
```

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(221, 94, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 94, 213) }
```

Border

The CSS property to change the border of an element to YIQ 145.5390, 37.4930, 63.9330 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(221, 94, 213) }
```


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

```
.border{ border-color:rgb(221, 94, 213) }
```

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

Here you see how a box with a 4 pixel rgb(221, 94, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 94, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 94, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 94,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5390, 37.4930, 63.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 94, 213) }
```

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

```
.background{ background-color: rgb(221, 94,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor