

Converting Colors

YIQ(155.0930, 40.8440, 41.7400)

Have a look what the booklet for
YIQ(155.0930, 40.8440, 41.7400)
contains.

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Color

**YIQ(155.0930, 40.8440,
41.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	DC75B5
RGB	220, 117, 181
RGB Percent	86%, 46%, 71%
CMY	0.1370, 0.5413, 0.2901
CMYK	0.00, 0.47, 0.18, 0.14
HSL	323°, 60%, 66%
HSV	323°, 47%, 86%
XYZ	44.2369, 31.2769, 47.4370
YIQ	155.0930, 40.8440, 41.7400

Conversions

Conversions Part 2

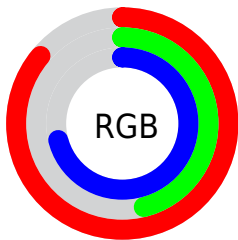
Format	Color
R _Y B	220, 117, 181
Decimal	14448053
CIE Lab	62.74, 48.08, -15.86
CIE LCh	63, 50.630, 341.748
Yxy	31.2769, 0.3598, 0.2544
Android (android.graphics.Color)	4292638133 (0xFFDC75B5)
YUV	155.0930, 12.7722, 56.9234
Hunter-Lab	55.9257, 43.3223, -11.1426

Details

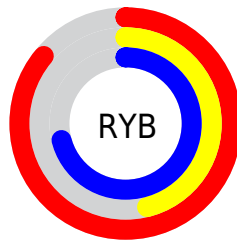
The YIQ color **155.0930, 40.8440, 41.7400** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.9070, -40.8440, -41.7400**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2270, 28.6030, 37.8110**, and **100.8970, 38.4600, 40.8920** is the 20% darker color. If you saturate the color by 10%, you get **141.2670, 49.4620, 50.7580**, and if you desaturate by 10%, it is **168.9190, 32.2260, 32.7220**.

Distribution



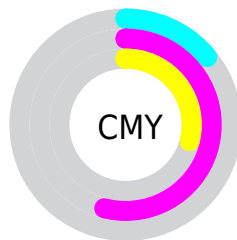
- Red (86%)
- Green (46%)
- Blue (71%)



- Red (86%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0930, 40.8440, 41.7400 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 155.0930, 40.8440, 41.7400 by changing the saturation by 10% instead.


 155.0930, 40.8440,
41.7400


 155.0930, 40.8440,
41.7400


255.0000, -0.0000,
-0.0000


 127.4950, 39.6520,
41.3160


 204.2270, 28.6030,
37.8110


 100.8970, 38.4600,
40.8920


 222.7150, 15.1250,
28.7650

 73.2390, 37.4970,
41.8250

 239.1510, 7.4250,
14.1210

 41.2980, 39.0090,
47.4650

 30.6030, 30.3000,
34.5880

 20.9190, 23.0580,
22.6580

 9.6970, 14.3950,

8.9470

■ 0.0000, 0.0000,
0.0000

■ 155.0930, 40.8440,
41.7400

■ 155.0930, 40.8440,
41.7400

■ 141.2670, 49.4620,
50.7580

■ 168.9190, 32.2260,
32.7220

■ 127.3270, 58.4010,
59.4650

■ 182.8590, 23.2870,
24.0150

■ 113.5010, 67.0190,
68.4830

■ 196.6850, 14.6690,
14.9970

■ 99.6750, 75.6370,
77.5010

■ 210.5110, 6.0510,
5.9790

■ 85.7350, 84.5760,
86.2080

■ 224.4510, -2.8880,
-2.7280

■ 81.3980, 87.1430,
89.2470

■ 238.2770,
-11.5060, -11.7460

■ 242.7110,
-15.7240, -12.3960

■ 243.7370,
-18.6130, -9.5970

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



156.2590, -0.7860, 36.2860



155.0930, 40.8440, 41.7400



152.3990, 65.9250, 33.2290

Triad

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



155.0930, 40.8440, 41.7400



145.8500, 34.3920, -28.5840



125.0180, -115.0310, -24.3350

Complementary

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



155.0930, 40.8440, 41.7400



181.9070, -40.8440, -41.7400

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.



121.4040, -102.0990, -38.4430



155.0930, 40.8440, 41.7400



139.9790, -5.8160, -37.7840

Square

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



155.0930, 40.8440, 41.7400



148.8030, 60.1100, -10.0820



123.2440, -69.7740, -46.0780



123.2860, -121.1770, -12.0650

Rectangle

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



155.0930, 40.8440, 41.7400



150.8320, 71.4750, 20.7470



123.2440, -69.7740, -46.0780



124.1230, -111.1330, -28.9010

Sweetspot

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



155.0930, 40.8440, 41.7400



232.2720, 14.3940, 14.4740



140.1040, -10.4150, 40.0890



114.0600, 8.9390, 8.7070



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.



155.0930, 40.8440, 41.7400



164.9030, 56.6590, 57.9950



149.3930, 56.8940, 26.1900



102.9730, 4.6300, 4.1980



64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Inverse Universe

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



155.0930, 40.8440, 41.7400



164.9030, 56.6590, 57.9950



187.6070, -56.8940, -26.1900



102.9730, 4.6300, 4.1980



64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 155.0930, 40.8440, 41.7400 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 155.0930, 40.8440, 41.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

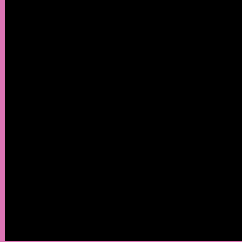
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.0930, 40.8440, 41.7400

Background



This preview shows how black text looks on a background with the YIQ color 155.0930, 40.8440, 41.7400.



This preview shows how white text looks on a background with the YIQ color 155.0930, 40.8440,

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

155.0930, 40.8440, 41.7400

Protanopia

152.3830, -25.4030, 14.3490

Deuteranopia

153.5840, -4.2200, 10.4040



Tritanopia

153.7510, 49.8340, 21.9780

Trichromacy



Original Color

155.0930, 40.8440, 41.7400

Protanomaly

153.2830, -1.3340, 24.1860

Deuteranomaly

154.2320, 11.8710, 21.6550

Tritanomaly

154.4120, 46.7150, 28.9470

Monochromacy



Original Color

155.0930, 40.8440, 41.7400

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9840, 15.2650, 15.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.0930, 40.8440, 41.7400 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(220, 117, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 117, 181)  
}
```

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(220, 117, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 117, 181) }
```

Border

The CSS property to change the border of an element to YIQ 155.0930, 40.8440, 41.7400 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(220, 117, 181) }
```


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

```
.border{ border-color:rgb(220, 117, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 117, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 117, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 117, 181);  
box-shadow:4px 4px 4px 4px rgb(220, 117,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 155.0930, 40.8440, 41.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 117, 181) }
```

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

```
.background{ background-color: rgb(220,  
117, 181) }
```

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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