

Converting Colors

YIQ(137.3240, 44.1470, 31.4350)

Have a look what the booklet for
YIQ(137.3240, 44.1470, 31.4350)
contains.

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Color

**YIQ(137.3240, 44.1470,
31.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	C7698E
RGB	199, 105, 142
RGB Percent	78%, 41%, 56%
CMY	0.2194, 0.5884, 0.4430
CMYK	0.00, 0.47, 0.29, 0.22
HSL	336°, 46%, 60%
HSV	336°, 47%, 78%
XYZ	33.5027, 24.2000, 28.5112
YIQ	137.3240, 44.1470, 31.4350

Conversions

Conversions Part 2

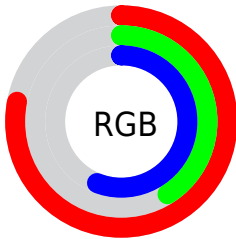
Format	Color
RYB	199, 105, 142
Decimal	13068686
CIELab	56.29, 41.61, -3.32
CIELCh	56, 41.746, 355.440
Yxy	24.2000, 0.3886, 0.2807
Android (android.graphics.Color)	4291258766 (0xFFC7698E)
YUV	137.3240, 2.3053, 54.0899
Hunter-Lab	49.1935, 35.4772, 0.0726

Details

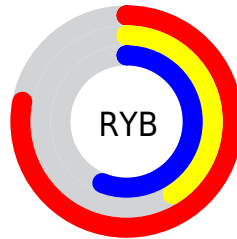
The YIQ color **137.3240, 44.1470, 31.4350** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **166.6760, -44.1470, -31.4350**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3350, 45.6140, 32.3820**, and **84.6440, 40.2500, 30.4740** is the 20% darker color. If you saturate the color by 10%, you get **124.2160, 53.4990, 38.1630**, and if you desaturate by 10%, it is **150.4320, 34.7950, 24.7070**.

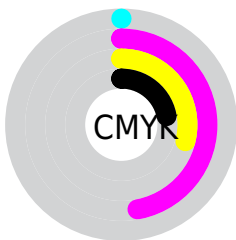
Distribution



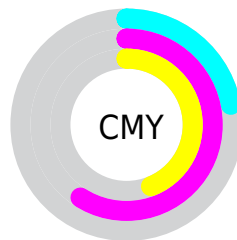
- Red (78%)
- Green (41%)
- Blue (56%)



- Red (78%)
- Yellow (41%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (22%)




- Cyan (22%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.3240, 44.1470, 31.4350 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 137.3240, 44.1470, 31.4350 by changing the saturation by 10% instead.


 137.3240, 44.1470,
31.4350


 137.3240, 44.1470,
31.4350


255.0000, -0.0000,
-0.0000


 110.7260, 42.9550,
31.0110


 191.3350, 45.6140,
32.3820


 84.3560, 41.1210,
31.2090


 210.9630, 28.9260,
26.4460


 57.9860, 39.2870,
31.4070

 230.5910, 12.2380,
20.5100

 31.5560, 37.6820,
32.9620

 247.9560, 3.3000,
6.2760

 21.5020, 28.6060,
21.2300

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 137.3240, 44.1470,
31.4350

■ 137.3240, 44.1470,
31.4350

■ 124.2160, 53.4990,
38.1630

■ 150.4320, 34.7950,
24.7070

■ 111.1080, 62.8510,
44.8910

■ 163.5400, 25.4430,
17.9790

■ 98.0000, 72.2030,
51.6190

■ 176.6480, 16.0910,
11.2510

■ 84.8920, 81.5550,
58.3470

■ 189.7560, 6.7390,
4.5230

■ 71.7840, 90.9070,
65.0750

■ 202.2770, -2.3380,
-1.6820

■ 68.3930, 93.5660,
66.4460

■ 215.3850,
-11.6900, -8.4100

■ 228.4930,
-21.0420, -15.1380

■ 236.4320,
-28.2400, -16.8480

■ 237.8000,
-32.0920, -13.1160

Harmonies

Analogous

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



139.4210, 16.1330, 32.5250



137.3240, 44.1470, 31.4350



135.5900, 57.5370, 20.0410

Triad

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



137.3240, 44.1470, 31.4350



128.6660, 14.5390, -26.7170



109.5790, -103.2490, -17.5930

Complementary

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



137.3240, 44.1470, 31.4350



166.6760, -44.1470, -31.4350

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.



108.6210, -95.0400, -28.7040



137.3240, 44.1470, 31.4350



122.7570, -22.5060, -32.6660

Square

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



137.3240, 44.1470, 31.4350



131.9900, 40.3500, -15.4100



104.4030, -83.1630, -40.2110



122.2230, -72.1670, 2.8170

Rectangle

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



137.3240, 44.1470, 31.4350



134.9130, 57.5850, 8.1530



104.4030, -83.1630, -40.2110



109.8410, -101.2310, -21.1270

Sweetspot

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



137.3240, 44.1470, 31.4350



231.3600, 16.9620, 11.9860



132.4600, 3.2020, 41.1060



113.4900, 10.5440, 7.1520



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.



137.3240, 44.1470, 31.4350



159.8530, 68.1230, 48.4670



138.3890, 53.5490, 15.2210



93.0330, 4.4010, 2.8410



56.0330, 76.6040, 54.4600



12.3600, 16.9620, 11.9860

Inverse Universe

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



137.3240, 44.1470, 31.4350



159.8530, 68.1230, 48.4670



165.6110, -53.5490, -15.2210



93.0330, 4.4010, 2.8410



56.0330, 76.6040, 54.4600



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 137.3240, 44.1470, 31.4350 looks on a white background.

Color Contrast Check

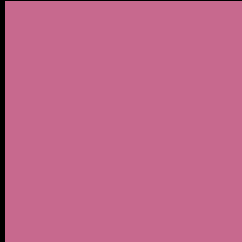
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3240, 44.1470, 31.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

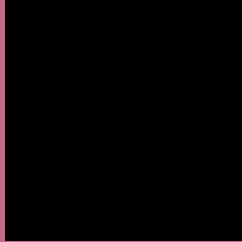
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3240, 44.1470, 31.4350

Background



This preview shows how black text looks on a background with the YIQ color 137.3240, 44.1470, 31.4350.



This preview shows how white text looks on a background with the YIQ color 137.3240, 44.1470,

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

137.3240, 44.1470, 31.4350

Protanopia

135.7680, -10.7300, 7.2380

Deuteranopia

136.5820, 7.2890, 5.5690



Tritanopia

136.9250, 49.2840, 20.9320

Trichromacy



Original Color

137.3240, 44.1470, 31.4350

Protanomaly

135.9880, 9.4420, 16.1140

Deuteranomaly

137.0940, 20.7670, 14.6150

Tritanomaly

137.0760, 47.5410, 24.9890

Monochromacy



Original Color

137.3240, 44.1470, 31.4350

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0610, 16.3660, 11.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3240, 44.1470, 31.4350 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(199, 105, 142)` looks like.

```
.text, #text, p{  
    color:rgb(199, 105, 142)  
}
```

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(199, 105, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 105, 142) }
```

Border

The CSS property to change the border of an element to YIQ 137.3240, 44.1470, 31.4350 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(199, 105, 142) }
```


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

```
.border{ border-color:rgb(199, 105, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 105, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 105, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 105, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 105,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3240, 44.1470, 31.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 105, 142) }
```

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

```
.background{ background-color: rgb(199,  
105, 142) }
```

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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