

Converting Colors

YIQ(150.1400, 41.4890, 24.5370)

Have a look what the booklet for
YIQ(150.1400, 41.4890, 24.5370)
contains.

YIQ(150.1400, 41.4890, 24.5370)	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(150.1400, 41.4890,
24.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7B92
RGB	205, 123, 146
RGB Percent	80%, 48%, 57%
CMY	0.1959, 0.5178, 0.4273
CMYK	0.00, 0.40, 0.29, 0.20
HSL	343°, 45%, 64%
HSV	343°, 40%, 80%
XYZ	37.4615, 29.2206, 30.8751
YIQ	150.1400, 41.4890, 24.5370

Conversions

Conversions Part 2

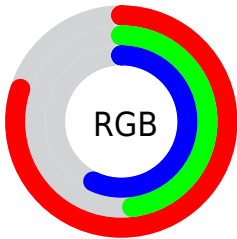
Format	Color
R _Y B	205, 123, 146
Decimal	13466514
CIE Lab	60.98, 34.80, 1.32
CIE LCh	61, 34.827, 2.175
Yxy	29.2206, 0.3840, 0.2995
Android (android.graphics.Color)	4291656594 (0xFFCD7B92)
YUV	150.1400, -2.0410, 48.1122
Hunter-Lab	54.0561, 29.1044, 3.9747

Details

The YIQ color **150.1400, 41.4890, 24.5370** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.8600, -41.4890, -24.5370**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.9440, 39.1050, 23.6890**, and **97.7590, 38.1880, 23.7880** is the 20% darker color. If you saturate the color by 10%, you get **136.1030, 52.0790, 30.8550**, and if you desaturate by 10%, it is **163.5900, 31.1740, 18.7420**.

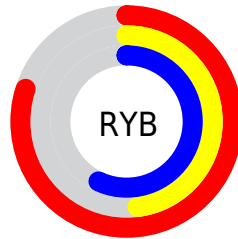
Distribution



Red (80%)

Green (48%)

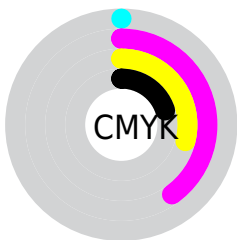
Blue (57%)



Red (80%)

Yellow (48%)

Blue (57%)

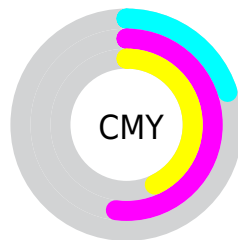


Cyan (0%)

Magenta (40%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.1400, 41.4890, 24.5370 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 150.1400, 41.4890, 24.5370 by changing the saturation by 10% instead.


 150.1400, 41.4890,
24.5370

 150.1400, 41.4890,
24.5370


255.0000, -0.0000,
-0.0000

 123.5420, 40.2970,
24.1130


 202.9440, 39.1050,
23.6890


 97.7590, 38.1880,
23.7880


 222.5720, 22.4170,
17.7530

 72.5630, 35.8040,
22.9400

 242.0860, 6.0500,
11.5060

 47.0190, 34.5200,
24.1840

 23.9370, 31.8150,
23.6470

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

150.1400, 41.4890,
24.5370

150.1400, 41.4890,
24.5370

136.1030, 52.0790,
30.8550

163.5900, 31.1740,
18.7420

122.7670, 62.0730,
36.9610

177.6270, 20.5840,
12.4240

108.7300, 72.6630,
43.2790

190.9630, 10.5900,
6.3180

95.2800, 82.9780,
49.0740

205.0000, -0.0000,
0.0000

81.2430, 93.5680,
55.3920

218.4500,
-10.3150, -5.7950

67.9070, 103.5620,
61.4980

232.3730,
-20.5840, -12.4240

■ 239.3660,
-27.8740, -12.4660

■ 240.0500,
-29.8000, -10.6000

Harmonies

Analogous

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



151.4120, 20.3520, 27.6480



150.1400, 41.4890, 24.5370



148.4810, 50.2940, 13.6380

Triad

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



150.1400, 41.4890, 24.5370



141.4680, 6.4690, -23.6350



129.7130, -79.9590, -10.1590

Complementary

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



150.1400, 41.4890, 24.5370



177.8600, -41.4890, -24.5370

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.



116.0870, -102.2840, -29.5800



150.1400, 41.4890, 24.5370



136.2500, -25.2120, -27.6760

Square

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



150.1400, 41.4890, 24.5370



144.7270, 30.9050, -14.9430



127.8020, -61.9370, -28.4090



142.5700, -45.1630, 9.0210

Rectangle

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



150.1400, 41.4890, 24.5370



147.7870, 49.0120, 3.8280



127.8020, -61.9370, -28.4090



123.0270, -92.8870, -18.1590

Sweetspot

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



150.1400, 41.4890, 24.5370



234.2950, 15.5870, 9.3710



149.9890, 8.8420, 38.0100



115.9520, 9.1230, 5.3710



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.



150.1400, 41.4890, 24.5370



173.3540, 61.7980, 36.4380



158.0840, 43.9220, 7.9700



95.3320, 4.9970, 3.0530



54.9920, 83.8490, 49.8090



12.6160, 19.1170, 11.4770

Inverse Universe

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



150.1400, 41.4890, 24.5370



173.3540, 61.7980, 36.4380



169.9160, -43.9220, -7.9700



95.3320, 4.9970, 3.0530



54.9920, 83.8490, 49.8090



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 150.1400, 41.4890, 24.5370 looks on a white background.

Color Contrast Check

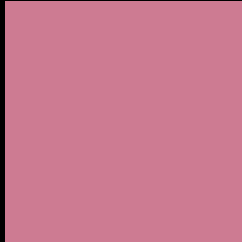
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.1400, 41.4890, 24.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

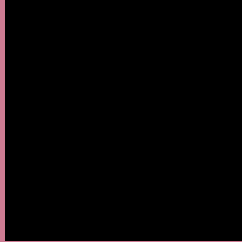
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.1400, 41.4890, 24.5370

Background



This preview shows how black text looks on a background with the YIQ color 150.1400, 41.4890, 24.5370.



This preview shows how white text looks on a background with the YIQ color 150.1400, 41.4890,

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

150.1400, 41.4890, 24.5370

Protanopia

148.4820, -4.1730, 4.0430

Deuteranopia

149.2790, 12.5160, 4.4520



Tritanopia

149.6470, 44.1950, 19.5470

Trichromacy



Original Color

150.1400, 41.4890, 24.5370

Protanomaly

148.9080, 12.4230, 11.6470

Deuteranomaly

149.7690, 23.0600, 11.6040

Tritanomaly

149.5160, 43.1860, 21.3140

Monochromacy



Original Color

150.1400, 41.4890, 24.5370

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.1400, 41.4890, 24.5370 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(205, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(205, 123, 146)  
}
```

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(205, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 123, 146) }
```

Border

The CSS property to change the border of an element to YIQ 150.1400, 41.4890, 24.5370 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(205, 123, 146) }
```


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

```
.border{ border-color:rgb(205, 123, 146) }
```

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

Here you see how a box with a 4 pixel rgb(205, 123, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(205, 123,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 150.1400, 41.4890, 24.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 123, 146) }
```

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

```
.background{ background-color: rgb(205,  
123, 146) }
```

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