

Converting Colors

YIQ(131.8530, 41.7600, 47.1680)

Have a look what the booklet for
YIQ(131.8530, 41.7600, 47.1680)
contains.

YIQ(131.8530, 41.7600, 47.1680)	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(131.8530, 41.7600,
47.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	C95AA6
RGB	201, 90, 166
RGB Percent	79%, 35%, 65%
CMY	0.2115, 0.6472, 0.3489
CMYK	0.00, 0.55, 0.17, 0.21
HSL	319°, 51%, 57%
HSV	319°, 55%, 79%
XYZ	34.6464, 22.4872, 38.6039
YIQ	131.8530, 41.7600, 47.1680

Conversions

Conversions Part 2

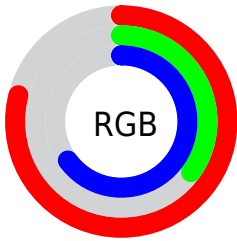
Format	Color
R _{YB}	201, 90, 166
Decimal	13195942
CIE _{Lab}	54.54, 53.12, -19.93
CIE _{LCh}	55, 56.736, 339.432
Yxy	22.4872, 0.3619, 0.2349
Android (android.graphics.Color)	4291386022 (0xFFC95AA6)
YUV	131.8530, 16.8345, 60.6419
Hunter-Lab	47.4207, 47.4294, -15.0720

Details

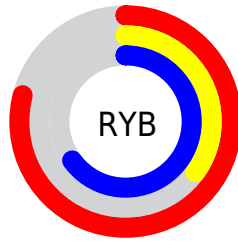
The YIQ color **131.8530, 41.7600, 47.1680** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **159.1470, -41.7600, -47.1680**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.9670, 41.4390, 47.4790**, and **75.4230, 40.1550, 48.7230** is the 20% darker color. If you saturate the color by 10%, you get **119.4290, 49.1860, 55.7620**, and if you desaturate by 10%, it is **144.2770, 34.3340, 38.5740**.

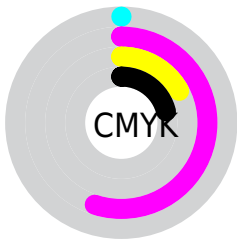
Distribution



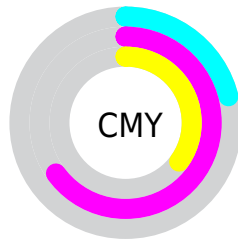
- Red (79%)
- Green (35%)
- Blue (65%)



- Red (79%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (55%)
- Yellow (17%)
- Black (21%)



- Cyan (21%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8530, 41.7600, 47.1680 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 131.8530, 41.7600, 47.1680 by changing the saturation by 10% instead.

131.8530, 41.7600,
47.1680

131.8530, 41.7600,
47.1680

255.0000, -0.0000,
-0.0000

104.3690, 40.2470,
47.0550

185.9670, 41.4390,
47.4790

75.4230, 40.1550,
48.7230

205.7090, 24.4300,
41.8540

45.1290, 41.1630,
52.4830

223.3020, 14.8500,
28.2420

34.4340, 32.4540,
39.6060

240.3250, 6.8750,
13.0750

24.0380, 24.3410,
26.9410

13.8700, 15.5860,
14.8980

0.0000, 0.0000,

0.0000

■ 131.8530, 41.7600,
47.1680

■ 131.8530, 41.7600,
47.1680

■ 119.4290, 49.1860,
55.7620

■ 144.2770, 34.3340,
38.5740

■ 106.8910, 56.9330,
64.0450

■ 156.8150, 26.5870,
30.2910

■ 94.4670, 64.3590,
72.6390

■ 169.2390, 19.1610,
21.6970

■ 82.0430, 71.7850,
81.2330

■ 181.6630, 11.7350,
13.1030

■ 75.8310, 75.4980,
85.5300

■ 194.2010, 3.9880,
4.8200

■ 207.2120, -3.7130,
-4.2970

■ 219.6360,
-11.1390, -12.8910

■ 232.1740,
-18.8860, -21.1740

■ 235.2060,
-21.9120, -21.4000

Harmonies

Analogous

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



134.5020, -5.7840, 38.7600



131.8530, 41.7600, 47.1680



127.5400, 70.1420, 39.4060

Triad

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



131.8530, 41.7600, 47.1680



122.1680, 42.0040, -34.3800



111.1120, -103.4320, -19.7840

Complementary

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



131.8530, 41.7600, 47.1680



159.1470, -41.7600, -47.1680

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.



106.9280, -88.8950, -35.4470



131.8530, 41.7600, 47.1680



116.8990, -2.8350, -42.2510

Square

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



131.8530, 41.7600, 47.1680



126.1580, 66.3000, -12.1320



99.3530, -71.6990, -49.7390



110.4230, -111.1370, -6.7930

Rectangle

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



131.8530, 41.7600, 47.1680



127.1040, 76.7010, 25.1570



99.3530, -71.6990, -49.7390



109.9890, -98.8920, -24.9720

Sweetspot

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



131.8530, 41.7600, 47.1680



228.1630, 16.3190, 18.1350



112.5210, -15.9630, 41.5170



111.7120, 10.0390, 10.7990



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.



131.8530, 41.7600, 47.1680



150.3420, 63.2130, 71.3810



125.6970, 59.0940, 30.3740



93.3750, 3.4380, 3.7740



61.5050, 61.1960, 69.3880



13.5000, 13.7520, 15.0960

Inverse Universe

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



131.8530, 41.7600, 47.1680



150.3420, 63.2130, 71.3810



165.3030, -59.0940, -30.3740



93.3750, 3.4380, 3.7740



61.5050, 61.1960, 69.3880



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 131.8530, 41.7600, 47.1680 looks on a white background.

Color Contrast Check

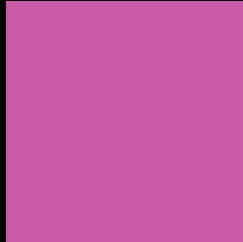
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8530, 41.7600, 47.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

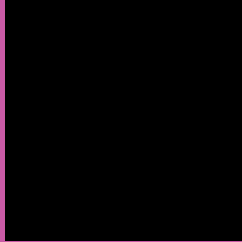
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.8530, 41.7600, 47.1680

Background



This preview shows how black text looks on a background with the YIQ color 131.8530, 41.7600, 47.1680.



This preview shows how white text looks on a background with the YIQ color 131.8530, 41.7600,

47.1680.

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

131.8530, 41.7600, 47.1680

Protanopia

130.2450, -33.7020, 16.0740

Deuteranopia

131.9470, -9.6760, 10.1640



Tritanopia

131.3060, 52.5850, 21.6810

Trichromacy



Original Color

131.8530, 41.7600, 47.1680



Protanomaly

130.9390, -6.0570, 27.1830



Deuteranomaly

131.7310, 9.0280, 23.6200



Tritanomaly

131.2490, 48.7320, 30.9400

Monochromacy



Original Color

131.8530, 41.7600, 47.1680



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.0380, 15.1730, 16.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8530, 41.7600, 47.1680 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(201, 90, 166)` looks like.

```
.text, #text, p{  
    color:rgb(201, 90, 166)  
}
```

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(201, 90, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 90, 166) }
```

Border

The CSS property to change the border of an element to YIQ 131.8530, 41.7600, 47.1680 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(201, 90, 166) }
```


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

```
.border{ border-color:rgb(201, 90, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 90, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 90, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 90, 166);  
box-shadow:4px 4px 4px 4px rgb(201, 90,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8530, 41.7600, 47.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 90, 166) }
```

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

```
.background{ background-color: rgb(201, 90,  
166) }
```

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