

Converting Colors

YIQ(128.3700, 47.6740, 50.1220)

Have a look what the booklet for
YIQ(128.3700, 47.6740, 50.1220)
contains.

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Color

**YIQ(128.3700, 47.6740,
50.1220)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD53A1 |
| RGB | 205, 83, 161 |
| RGB Percent | 80%, 33%, 63% |
| CMY | 0.1957, 0.6747, 0.3685 |
| CMYK | 0.00, 0.60, 0.21, 0.20 |
| HSL | 322°, 55%, 56% |
| HSV | 322°, 60%, 80% |
| XYZ | 34.7260, 21.7445, 36.1002 |
| YIQ | 128.3700, 47.6740, 50.1220 |

Conversions

Conversions Part 2

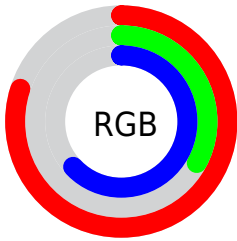
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 205, 83, 161 |
| Decimal | 13456289 |
| CIE _{Lab} | 53.75, 56.78, -18.16 |
| CIE _{LCh} | 54, 59.610, 342.265 |
| Yxy | 21.7445, 0.3751, 0.2349 |
| Android (android.graphics.Color) | 4291646369 (0xFFCD53A1) |
| YUV | 128.3700, 16.0866, 67.2045 |
| Hunter-Lab | 46.6310, 51.3241, -13.2588 |

Details

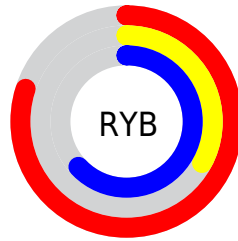
The YIQ color **128.3700, 47.6740, 50.1220** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **159.6300, -47.6740, -50.1220**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.8750, 44.6940, 49.0620**, and **68.7060, 46.8480, 54.0800** is the 20% darker color. If you saturate the color by 10%, you get **115.2450, 55.6960, 58.9280**, and if you desaturate by 10%, it is **140.9080, 39.9270, 41.8390**.

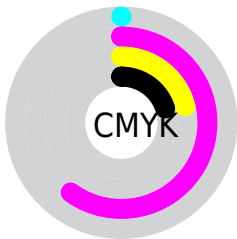
Distribution



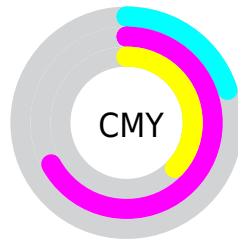
- Red (80%)
- Green (33%)
- Blue (63%)



- Red (80%)
- Yellow (33%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.3700, 47.6740, 50.1220 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 128.3700, 47.6740, 50.1220 by changing the saturation by 10% instead.


 128.3700, 47.6740,
50.1220


 128.3700, 47.6740,
50.1220


255.0000, -0.0000,
-0.0000

 100.2990, 46.4360,
50.5320


 181.8750, 44.6940,
49.0620

 69.0050, 47.4440,
54.2920


 201.5030, 28.0060,
43.1260

 45.5700, 44.2350,
51.8750


 219.7800, 16.5000,
31.3800

 34.5760, 34.9300,
38.7860

 236.8030, 8.5250,
16.2130

 24.2940, 26.4960,
26.4320

253.8260, 0.5500,
1.0460

 14.0120, 18.0620,
14.0780

 0.0000, 0.0000,

0.0000

■ 128.3700, 47.6740,
50.1220

■ 128.3700, 47.6740,
50.1220

■ 115.2450, 55.6960,
58.9280

■ 140.9080, 39.9270,
41.8390

■ 102.5930, 63.7640,
66.9000

■ 154.1470, 31.5840,
33.3440

■ 89.4680, 71.7860,
75.7060

■ 166.6850, 23.8370,
25.0610

■ 76.8160, 79.8540,
83.6780

■ 179.9240, 15.4940,
16.5660

■ 76.2290, 80.1290,
84.2010

■ 192.4620, 7.7470,
8.2830

■ 205.5870, -0.2750,
-0.5230

■ 218.8260, -8.6180,
-9.0180

■ 231.3640,
-16.3650, -17.3010

■ 236.9720,
-21.1330, -18.9970

Harmonies

Analogous

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



131.9480, -1.1080, 42.1240



128.3700, 47.6740, 50.1220



123.8180, 75.2310, 40.7910

Triad

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



128.3700, 47.6740, 50.1220



118.1370, 43.2890, -41.1510



110.5080, -104.4870, -17.1830

Complementary

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



128.3700, 47.6740, 50.1220



159.6300, -47.6740, -50.1220

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.



106.2100, -89.6290, -33.1570



128.3700, 47.6740, 50.1220



112.3820, -8.7490, -45.2050

Square

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



128.3700, 47.6740, 50.1220



122.7790, 68.6850, -16.8110



98.8800, -71.7450, -48.9050



109.7050, -111.8710, -4.5030

Rectangle

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



128.3700, 47.6740, 50.1220



123.8440, 80.3690, 24.7610



98.8800, -71.7450, -48.9050



109.9720, -100.2220, -22.8940

Sweetspot

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



128.3700, 47.6740, 50.1220



226.0600, 18.1070, 18.7710



109.7650, -13.5340, 47.0580



109.7230, 11.5060, 11.7460



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.



128.3700, 47.6740, 50.1220



141.3430, 70.6400, 74.4480



121.5300, 66.9340, 31.4620



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Inverse Universe

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



128.3700, 47.6740, 50.1220



141.3430, 70.6400, 74.4480



166.4700, -66.9340, -31.4620



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 128.3700, 47.6740, 50.1220 looks on a white background.

Color Contrast Check

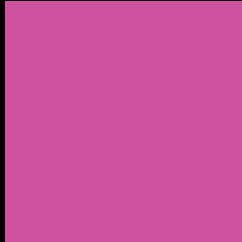
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3700, 47.6740, 50.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

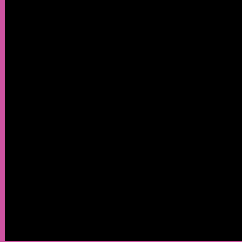
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.3700, 47.6740, 50.1220

Background



This preview shows how black text looks on a background with the YIQ color 128.3700, 47.6740, 50.1220.



This preview shows how white text looks on a background with the YIQ color 128.3700, 47.6740,

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

128.3700, 47.6740, 50.1220

Protanopia

128.3590, -34.0230, 16.3850

Deuteranopia

130.0890, -7.2000, 9.3440



Tritanopia

128.4810, 59.4620, 23.7020

Trichromacy



Original Color

128.3700, 47.6740, 50.1220

Protanomaly

128.3630, -4.3150, 28.6530

Deuteranomaly

129.4110, 12.9250, 24.5810

Tritanomaly

128.5380, 55.2880, 33.2720

Monochromacy



Original Color

128.3700, 47.6740, 50.1220

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3480, 17.2360, 18.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3700, 47.6740, 50.1220 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, 83, 161)` looks like.

```
.text, #text, p{  
    color:rgb(205, 83, 161)  
}
```

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, 83, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 83, 161) }
```

Border

The CSS property to change the border of an element to YIQ 128.3700, 47.6740, 50.1220 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, 83, 161) }
```


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

```
.border{ border-color:rgb(205, 83, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 83, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 83, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 83, 161);  
box-shadow:4px 4px 4px 4px rgb(205, 83,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3700, 47.6740, 50.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 83, 161) }
```

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

```
.background{ background-color: rgb(205, 83,  
161) }
```

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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