

Converting Colors

YIQ(114.4630, 42.6780, 41.5420)

Have a look what the booklet for
YIQ(114.4630, 42.6780, 41.5420)
contains.

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Color

**YIQ(114.4630, 42.6780,
41.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	B54C8A
RGB	181, 76, 138
RGB Percent	71%, 30%, 54%
CMY	0.2899, 0.7021, 0.4587
CMYK	0.00, 0.58, 0.24, 0.29
HSL	325°, 42%, 50%
HSV	325°, 58%, 71%
XYZ	26.2444, 16.8314, 25.9220
YIQ	114.4630, 42.6780, 41.5420

Conversions

Conversions Part 2

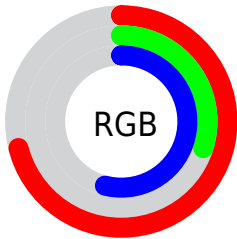
Format	Color
RYB	181, 76, 138
Decimal	11881610
CIELab	48.05, 49.52, -13.53
CIElCh	48, 51.340, 344.720
Yxy	16.8314, 0.3804, 0.2439
Android (android.graphics.Color)	4290071690 (0xFFB54C8A)
YUV	114.4630, 11.6037, 58.3529
Hunter-Lab	41.0260, 42.3911, -8.7438

Details

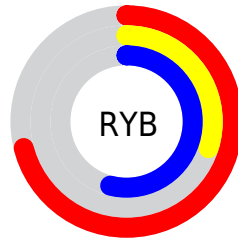
The YIQ color **114.4630, 42.6780, 41.5420** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **142.5370, -42.6780, -41.5420**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5450, 45.3830, 42.0790**, and **57.3860, 41.5770, 44.9770** is the 20% darker color. If you saturate the color by 10%, you get **103.0990, 49.8750, 48.7790**, and if you desaturate by 10%, it is **125.8270, 35.4810, 34.3050**.

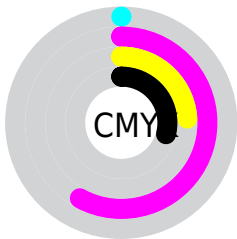
Distribution



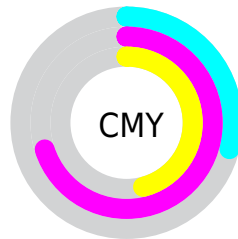
- Red (71%)
- Green (30%)
- Blue (54%)



- Red (71%)
- Yellow (30%)
- Blue (54%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (29%)



- Cyan (29%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4630, 42.6780, 41.5420 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 114.4630, 42.6780, 41.5420 by changing the saturation by 10% instead.

■ 114.4630, 42.6780,
41.5420

■ 114.4630, 42.6780,
41.5420

255.0000, -0.0000,
-0.0000

■ 87.3920, 41.4400,
41.9520

■ 169.6590, 45.0620,
42.3900

■ 57.3860, 41.5770,
44.9770

■ 193.3700, 38.5060,
40.0580

■ 36.7120, 37.5430,
40.9910

■ 213.1120, 21.4970,
34.4330

■ 26.0170, 28.8340,
28.1140

■ 230.3460, 11.5500,
21.9660

■ 16.8600, 21.5460,
17.0180

■ 247.3690, 3.5750,
6.7990

■ 0.0000, 0.0000,
0.0000

■ 114.4630, 42.6780,
41.5420

■ 114.4630, 42.6780,
41.5420

■ 103.0990, 49.8750,
48.7790

■ 125.8270, 35.4810,
34.3050

■ 91.6210, 57.3930,
55.7050

■ 137.3050, 27.9630,
27.3790

■ 80.2570, 64.5900,
62.9420

■ 148.6690, 20.7660,
20.1420

■ 68.7790, 72.1080,
69.8680

■ 160.1470, 13.2480,
13.2160

■ 66.3170, 73.5290,
71.6490


■ 171.5110, 6.0510,
5.9790

■ 183.5760, -1.7420,
-1.4700

■ 194.9400, -8.9390,
-8.7070

■ 206.3040,

-16.1360, -15.9440

 217.7820,
-23.6540, -22.8700

Harmonies

Analogous

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



117.4120, 3.1570, 36.4130



114.4630, 42.6780, 41.5420



110.9750, 64.1830, 31.7590

Triad

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



114.4630, 42.6780, 41.5420



106.4750, 30.9540, -32.3580



97.3200, -92.1540, -14.9220

Complementary

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



114.4630, 42.6780, 41.5420



142.5370, -42.6780, -41.5420

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.



94.6350, -80.4600, -28.6200



114.4630, 42.6780, 41.5420



100.3420, -11.2720, -38.0240

Square

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



114.4630, 42.6780, 41.5420



109.7160, 55.8010, -14.5910



88.3310, -65.4650, -41.5690



95.9470, -97.9330, -3.7970

Rectangle

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



114.4630, 42.6780, 41.5420



110.5110, 67.9450, 18.6410



88.3310, -65.4650, -41.5690



97.1260, -88.8520, -19.7000

Sweetspot

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



114.4630, 42.6780, 41.5420



209.5820, 16.4570, 15.6330



100.5280, -8.6730, 41.5590



102.4730, 9.2140, 9.2300



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.4630, 42.6780, 41.5420



130.3930, 67.2030, 65.1470



108.5350, 59.3700, 25.3700



86.2610, 3.7590, 3.4630



57.1320, 63.4440, 61.6840



10.3100, 11.2310, 11.2230

Inverse Universe

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



114.4630, 42.6780, 41.5420



130.3930, 67.2030, 65.1470



148.4650, -59.3700, -25.3700



86.2610, 3.7590, 3.4630



57.1320, 63.4440, 61.6840



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 114.4630, 42.6780, 41.5420 looks on a white background.

Color Contrast Check

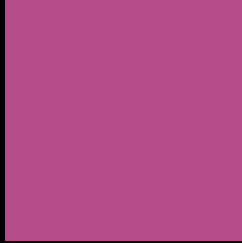
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 114.4630, 42.6780, 41.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

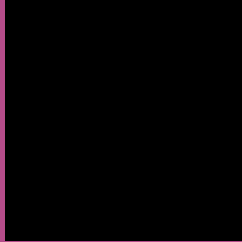
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.4630, 42.6780, 41.5420

Background



This preview shows how black text looks on a background with the YIQ color 114.4630, 42.6780, 41.5420.



This preview shows how white text looks on a background with the YIQ color 114.4630, 42.6780,

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

114.4630, 42.6780, 41.5420

Protanopia

114.4430, -25.6320, 12.9920

Deuteranopia

115.7750, -3.4400, 7.2800



Tritanopia

113.8930, 52.3100, 21.1580

Trichromacy



Original Color

114.4630, 42.6780, 41.5420

Protanomaly

114.6420, -0.9670, 23.0410

Deuteranomaly

115.2490, 13.2010, 19.5770

Tritanomaly

113.7820, 48.5490, 28.7490

Monochromacy



Original Color

114.4630, 42.6780, 41.5420

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9840, 15.2650, 15.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4630, 42.6780, 41.5420 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(181, 76, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 76, 138)  
}
```

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(181, 76, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 76, 138) }
```

Border

The CSS property to change the border of an element to YIQ 114.4630, 42.6780, 41.5420 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(181, 76, 138) }
```


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

```
.border{ border-color:rgb(181, 76, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 76, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 76, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 76, 138);  
box-shadow:4px 4px 4px 4px rgb(181, 76,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4630, 42.6780, 41.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 76, 138) }
```

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

```
.background{ background-color: rgb(181, 76,  
138) }
```

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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