

Converting Colors

YIQ(141.2610, 14.0680, 42.4200)

Have a look what the booklet for
YIQ(141.2610, 14.0680, 42.4200)
contains.

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Color

**YIQ(141.2610, 14.0680,
42.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	B56EC6
RGB	181, 110, 198
RGB Percent	71%, 43%, 78%
CMY	0.2900, 0.5687, 0.2235
CMYK	0.09, 0.44, 0.00, 0.22
HSL	288°, 44%, 60%
HSV	288°, 44%, 78%
XYZ	34.8349, 25.0532, 56.4239
YIQ	141.2610, 14.0680, 42.4200

Conversions

Conversions Part 2

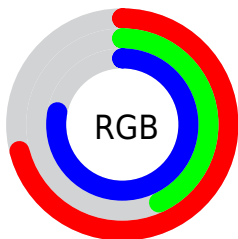
Format	Color
R _Y B	181, 110, 198
Decimal	11890374
CIE Lab	57.13, 42.61, -34.56
CIE LCh	57, 54.868, 320.956
Yxy	25.0532, 0.2995, 0.2154
Android (android.graphics.Color)	4290080454 (0xFFB56EC6)
YUV	141.2610, 27.9723, 34.8511
Hunter-Lab	50.0532, 36.6353, -31.7992

Details

The YIQ color **141.2610, 14.0680, 42.4200** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **166.7390, -14.0680, -42.4200**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9130, 15.1680, 44.5120**, and **88.7230, 12.6470, 40.6390** is the 20% darker color. If you saturate the color by 10%, you get **128.3250, 17.1840, 52.0320**, and if you desaturate by 10%, it is **154.1970, 10.9520, 32.8080**.

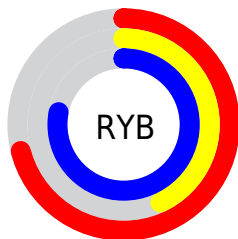
Distribution



Red (71%)

Green (43%)

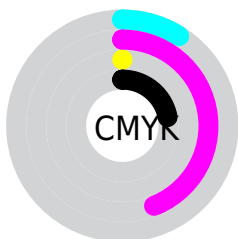
Blue (78%)



Red (71%)

Yellow (43%)

Blue (78%)

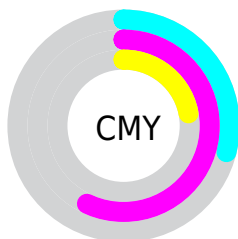


Cyan (9%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (29%)


Magenta (57%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.2610, 14.0680, 42.4200 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 141.2610, 14.0680, 42.4200 by changing the saturation by 10% instead.


 141.2610, 14.0680,
42.4200


 141.2610, 14.0680,
42.4200


255.0000, -0.0000,
-0.0000

 114.4350, 13.5180,
41.3740


 195.9130, 15.1680,
44.5120


 88.7230, 12.6470,
40.6390


 217.4320, 17.6000,
33.4720


 63.3100, 12.3720,
40.1160

 233.8680, 9.9000,
18.8280

 35.0760, 13.1510,
42.5190

 250.8910, 1.9250,
3.6610

 22.5170, 7.0550,
31.8470

 13.3170, 1.3260,
20.0300

 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 141.2610, 14.0680,
42.4200

■ 141.2610, 14.0680,
42.4200

■ 128.3250, 17.1840,
52.0320

■ 154.1970, 10.9520,
32.8080

■ 115.3890, 20.3000,
61.6440

■ 167.1330, 7.8360,
23.1960

■ 103.3390, 23.7370,
70.9450

■ 179.1830, 4.3990,
13.8950

■ 90.4030, 26.8530,
80.5570

■ 192.1190, 1.2830,
4.2830

■ 77.4670, 29.9690,
90.1690

■ 205.0550, -1.8330,
-5.3290

70.4120, 31.8020,
95.4980

217.9910, -4.9490,
-14.9410

230.9270, -8.0650,
-24.5530

235.6450, -7.3310,
-26.8430

236.5420, -5.5430,
-26.2070

Harmonies

Analogous

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



135.6760, -41.8650, 26.3510



141.2610, 14.0680, 42.4200



137.6170, 54.0480, 44.7360

Triad

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



141.2610, 14.0680, 42.4200



132.6250, 57.3150, -20.0050



113.3000, -98.5700, -30.8100

Complementary

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



141.2610, 14.0680, 42.4200



166.7390, -14.0680, -42.4200

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.



107.1270, -82.5660, -45.5260



141.2610, 14.0680, 42.4200



128.4310, 25.0860, -36.1460

Square

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



141.2610, 14.0680, 42.4200



134.6450, 72.8990, 5.9470



119.7640, -24.3840, -42.6880



115.6260, -110.6310, -15.9670

Rectangle

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



141.2610, 14.0680, 42.4200



135.3610, 69.0880, 36.4800



119.7640, -24.3840, -42.6880



111.4760, -93.4340, -35.7860

Sweetspot

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



141.2610, 14.0680, 42.4200



233.8350, 5.4990, 15.9870



130.5980, -33.1980, 17.9540



114.4770, 3.3910, 10.1350



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.



141.2610, 14.0680, 42.4200



167.9810, 21.6290, 65.0930



143.3800, 32.5460, 37.9380



93.4180, 1.8790, 4.4950



58.0500, 26.3490, 78.6770



12.7750, 5.7280, 17.3440

Inverse Universe

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



138.2500, 46.9910, 23.9430



163.3290, 72.1140, 36.7060



164.6200, -32.5460, -37.9380



92.8050, 5.0430, 2.2190



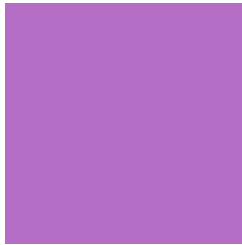
52.2710, 87.1970, 44.1970



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 141.2610, 14.0680, 42.4200 looks on a white background.

Color Contrast Check

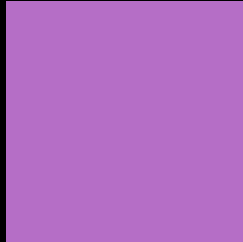
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.2610, 14.0680, 42.4200 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 141.2610, 14.0680, 42.4200

Background



This preview shows how black text looks on a background with the YIQ color 141.2610, 14.0680, 42.4200.



This preview shows how white text looks on a background with the YIQ color 141.2610, 14.0680,

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

141.2610, 14.0680, 42.4200

Protanopia

135.6060, -44.8440, 19.7640

Deuteranopia

137.1160, -29.0250, 13.9110



Tritanopia

139.4920, 25.3980, 13.2860

Trichromacy



Original Color

141.2610, 14.0680, 42.4200

Protanomaly

137.7830, -23.1130, 27.9190

Deuteranomaly

138.9380, -13.4840, 24.1160

Tritanomaly

140.0760, 21.1780, 23.6900

Monochromacy



Original Color

141.2610, 14.0680, 42.4200

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.4220, 5.2240, 15.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.2610, 14.0680, 42.4200 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, 110, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 110, 198)  
}
```

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, 110, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 110, 198) }
```

Border

The CSS property to change the border of an element to YIQ 141.2610, 14.0680, 42.4200 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, 110, 198) }
```


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

```
.border{ border-color:rgb(181, 110, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 110, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 110, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 110, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 110,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 141.2610, 14.0680, 42.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 110, 198) }
```

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

```
.background{ background-color: rgb(181,  
110, 198) }
```

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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