

# Converting Colors

YIQ(142.9430, 15.6240, 58.2800)

Have a look what the booklet for  
YIQ(142.9430, 15.6240, 58.2800)  
contains.

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# Color

**YIQ(142.9430, 15.6240,  
58.2800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C265E1
RGB	194, 101, 225
RGB Percent	76%, 40%, 88%
CMY	0.2389, 0.6041, 0.1177
CMYK	0.14, 0.55, 0.00, 0.12
HSL	285°, 67%, 64%
HSV	285°, 55%, 88%
XYZ	40.5070, 26.2150, 74.1530
YIQ	142.9430, 15.6240, 58.2800

# Conversions

## Conversions Part 2

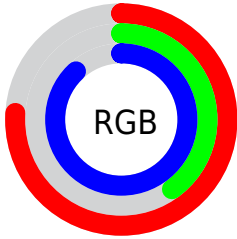
Format	Color
<a href="#">RYB</a>	<a href="#">194, 101, 225</a>
Decimal	<a href="#">12740065</a>
CIELab	<a href="#">58.24, 56.27, -47.96</a>
CIELCh	<a href="#">58, 73.935, 319.557</a>
Yxy	<a href="#">26.2150, 0.2875, 0.1861</a>
Android (android.graphics.Color)	<a href="#">4290930145 (0xFFC265E1)</a>
YUV	<a href="#">142.9430, 40.4541, 44.7770</a>
Hunter-Lab	<a href="#">51.2006, 51.6181, -50.0283</a>

# Details

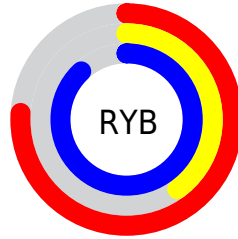
The YIQ color **142.9430, 15.6240, 58.2800** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.0570, -15.6240, -58.2800**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7020, 26.3080, 51.8760**, and **87.8180, 14.4780, 57.0220** is the 20% darker color. If you saturate the color by 10%, you get **127.6480, 18.3730, 69.0370**, and if you desaturate by 10%, it is **157.6510, 13.1500, 48.0460**.

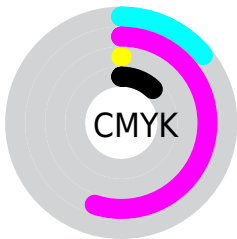
# Distribution



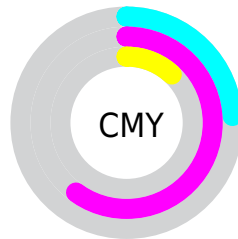
- Red (76%)
- Green (40%)
- Blue (88%)



- Red (76%)
- Yellow (40%)
- Blue (88%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (60%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.9430, 15.6240, 58.2800 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 142.9430, 15.6240, 58.2800 by changing the saturation by 10% instead.



142.9430, 15.6240,  
58.2800

142.9430, 15.6240,  
58.2800

255.0000, -0.0000,  
-0.0000

115.5300, 15.3490,  
57.7570

195.7020, 26.3080,  
51.8760

87.8180, 14.4780,  
57.0220

212.7360, 19.8000,  
37.6560

56.7090, 16.4030,  
60.6830

229.7590, 11.8250,  
22.4890

38.0410, 12.2320,  
53.6720

246.7820, 3.8500,  
7.3220

27.1180, 4.1650,  
40.1730

17.2060, -2.4350,  
27.6210

4.9020, -13.8030,

13.3730

■ 2.9810, -7.0160,  
6.0080

■ 0.0000, 0.0000,  
0.0000

■ 142.9430, 15.6240,  
58.2800

■ 142.9430, 15.6240,  
58.2800

■ 127.6480, 18.3730,  
69.0370

■ 157.6510, 13.1500,  
48.0460

■ 113.2390, 21.4430,  
79.4830

■ 172.6470, 9.8050,  
37.0770

■ 97.9440, 24.1920,  
90.2400

■ 187.3550, 7.3310,  
26.8430

■ 83.5350, 27.2620,  
100.6860

■ 202.6500, 4.5820,  
16.0860

76.1810, 28.4990,  
105.8030

217.0590, 1.5120,  
5.6400

232.3540, -1.2370,  
-5.1170

245.0020, -3.4820,  
-13.9940

246.7960, 0.0940,  
-12.7220

248.5900, 3.6700,  
-11.4500

# Harmonies

## Analogous

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



131.3600, -70.1540, 26.9180



142.9430, 15.6240, 58.2800



132.6710, 72.2920, 66.5320

# Triad

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



142.9430, 15.6240, 58.2800



131.6360, 75.9770, -27.8230



119.9510, -104.8970, -31.7850

# Complementary

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



142.9430, 15.6240, 58.2800



183.0570, -15.6240, -58.2800

# 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.



111.0250, -82.5190, -51.8870



142.9430, 15.6240, 58.2800



126.6210, 35.6340, -51.1020

# Square

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



142.9430, 15.6240, 58.2800



132.2150, 97.6570, 8.8010



110.0200, -40.5650, -63.3250



123.9870, -121.7730, -12.2770



# Rectangle

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



142.9430, 15.6240, 58.2800



127.7100, 93.7510, 57.5830



110.0200, -40.5650, -63.3250



117.4430, -97.8350, -38.6270

# Sweetspot

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



142.9430, 15.6240, 58.2800



226.4700, 5.2690, 20.1570



133.3330, -48.3290, 22.3510



110.6450, 2.9780, 12.1140



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.



142.9430, 15.6240, 58.2800



143.8260, 21.1680, 78.9600



148.6780, 44.0510, 55.2110



104.6460, 1.2370, 5.1170



59.5320, 22.1760, 82.7200



16.2360, 6.0480, 22.5600



# Inverse Universe

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



141.6100, 63.9530, 35.9290



142.0200, 86.6460, 48.6780



177.3220, -44.0510, -55.2110



104.6310, 5.5930, 3.2650



57.6400, 90.7720, 50.9960

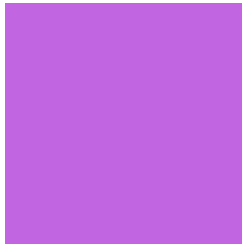


15.7200, 24.7560, 13.9080



# Previews

## White Background



This preview shows how the YIQ color 142.9430, 15.6240, 58.2800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

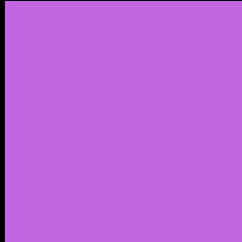
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 142.9430, 15.6240, 58.2800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

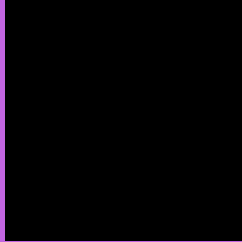
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 142.9430, 15.6240, 58.2800

## Background



This preview shows how black text looks on a background with the YIQ color 142.9430, 15.6240, 58.2800.



This preview shows how white text looks on a background with the YIQ color 142.9430, 15.6240,



# 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

142.9430, 15.6240, 58.2800

### Protanopia

133.4200, -70.3830, 25.5610

### Deuteranopia

136.9320, -48.8780, 15.7780



## Tritanopia

142.7700, 30.4870, 14.6710

# Trichromacy



## Original Color

142.9430, 15.6240, 58.2800



## Protanomaly

136.7940, -38.8410, 37.6310



## Deuteranomaly

139.2220, -25.7270, 31.2410



## Tritanomaly

142.7440, 25.3490, 30.7010

# Monochromacy



## Original Color

142.9430, 15.6240, 58.2800



## Achromatopsia

143.0000, -0.0000, 0.0000



## Achromatomaly

143.2960, 5.8190, 21.2030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.9430, 15.6240, 58.2800 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(194, 101, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 225)  
}
```

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(194, 101, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 225) }
```

## Border

The CSS property to change the border of an element to YIQ 142.9430, 15.6240, 58.2800 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".

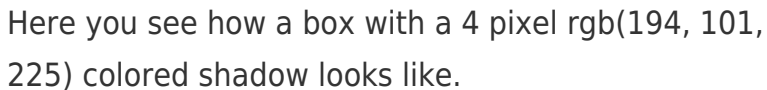
```
.border, #border, table{ border:4px solid rgb(194, 101, 225) }
```



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

```
.border{ border-color:rgb(194, 101, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 101, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 101, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 101, 225); box-shadow:4px 4px 4px 4px rgb(194, 101, 225) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.9430, 15.6240, 58.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 225) }
```

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

```
.background{ background-color: rgb(194,  
101, 225) }
```

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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