

# Converting Colors

YIQ(144.8470, 59.0920, 41.4280)

Have a look what the booklet for  
YIQ(144.8470, 59.0920, 41.4280)  
contains.

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# **Color**

**YIQ(144.8470, 59.0920,  
41.4280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E36696
RGB	227, 102, 150
RGB Percent	89%, 40%, 59%
CMY	0.1095, 0.6002, 0.4116
CMYK	0.00, 0.55, 0.34, 0.11
HSL	337°, 69%, 65%
HSV	337°, 55%, 89%
XYZ	41.9602, 28.0405, 32.0762
YIQ	144.8470, 59.0920, 41.4280

# Conversions

## Conversions Part 2

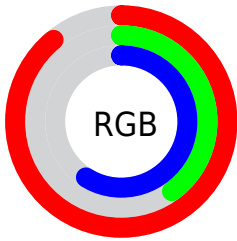
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 102, 150
Decimal	14902934
CIE <sub>Lab</sub>	59.93, 53.45, -2.17
CIE <sub>LCh</sub>	60, 53.497, 357.674
Yxy	28.0405, 0.4111, 0.2747
Android (android.graphics.Color)	4293093014 (0xFFE36696)
YUV	144.8470, 2.5404, 72.0482
Hunter-Lab	52.9533, 48.7750, 1.1527

# Details

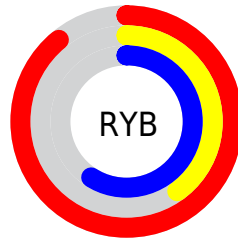
The YIQ color **144.8470, 59.0920, 41.4280** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.1530, -59.0920, -41.4280**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6600, 43.3210, 35.3930**, and **88.5200, 55.6990, 42.3470** is the 20% darker color. If you saturate the color by 10%, you get **129.7500, 69.9110, 49.1030**, and if you desaturate by 10%, it is **159.9440, 48.2730, 33.7530**.

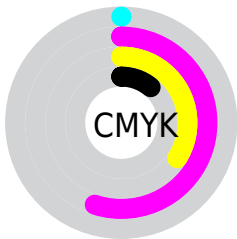
# Distribution



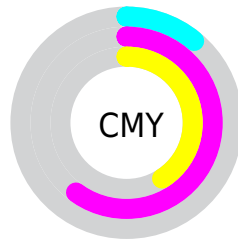
- Red (89%)
- Green (40%)
- Blue (59%)



- Red (89%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (55%)
- Yellow (34%)
- Black (11%)




- Cyan (11%)
- Magenta (60%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.8470, 59.0920, 41.4280 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 144.8470, 59.0920, 41.4280 by changing the saturation by 10% instead.




 144.8470, 59.0920,  
41.4280


 144.8470, 59.0920,  
41.4280


255.0000, -0.0000,  
-0.0000


 117.0640, 56.9830,  
41.1030


 191.6600, 43.3210,  
35.3930


 88.5200, 55.6990,  
42.3470


 211.2880, 26.6330,  
29.4570


 54.9210, 56.2480,  
48.9200

 230.9330, 11.2750,  
21.4430

 39.2310, 49.1430,  
40.0150

 247.9560, 3.3000,  
6.2760

 28.4650, 39.1960,  
27.5480

 18.5530, 32.5960,  
14.9960

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,  
0.0000

■ 144.8470, 59.0920,  
41.4280

■ 144.8470, 59.0920,  
41.4280

■ 129.7500, 69.9110,  
49.1030

■ 159.9440, 48.2730,  
33.7530

■ 115.2400, 80.4550,  
56.2550

■ 174.4540, 37.7290,  
26.6010

■ 100.1430, 91.2740,  
63.9300

■ 189.5510, 26.9100,  
18.9260

■ 85.0460, 102.0930,  
71.6050

■ 204.6480, 16.0910,  
11.2510

■ 77.7910, 107.3650,  
75.1810

■ 219.1580, 5.5470,  
4.0990

■ 234.2550, -5.2720,  
-3.5760

■ 245.8300,  
-14.4410, -8.1130

■ 246.6280,  
-16.6880, -5.9360

# Harmonies

## Analogous

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



148.3500, 24.0630, 42.9990



144.8470, 59.0920, 41.4280



142.4350, 74.2710, 25.1430

# Triad

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



144.8470, 59.0920, 41.4280



135.2280, 15.4120, -37.0360



120.5160, -116.1330, -15.3730

# Complementary

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



144.8470, 59.0920, 41.4280



184.1530, -59.0920, -41.4280

# 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.



119.3470, -105.9520, -29.1840



144.8470, 59.0920, 41.4280



125.0060, -36.8090, -43.2810

# Square

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



144.8470, 59.0920, 41.4280



139.5100, 50.2090, -23.3830



113.8750, -90.5440, -44.1120



115.7690, -117.9230, -4.9550



# Rectangle

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



144.8470, 59.0920, 41.4280



142.5250, 73.3570, 8.6610



113.8750, -90.5440, -44.1120



120.5500, -113.4730, -19.5290

# Sweetspot

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



144.8470, 59.0920, 41.4280



226.6810, 20.4920, 14.0920



138.6750, 4.5750, 54.7750



110.9140, 12.2860, 8.6220



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.



144.8470, 59.0920, 41.4280



144.5280, 79.5840, 55.5200



146.4190, 71.2000, 20.2240



107.1580, 5.5470, 4.0990



61.3870, 84.5350, 59.4070



17.5290, 23.9760, 17.0320



# Inverse Universe

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



144.8470, 59.0920, 41.4280



144.5280, 79.5840, 55.5200



182.5810, -71.2000, -20.2240



107.1580, 5.5470, 4.0990



61.3870, 84.5350, 59.4070



17.5290, 23.9760, 17.0320



# Previews

## White Background



This preview shows how the YIQ color 144.8470, 59.0920, 41.4280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

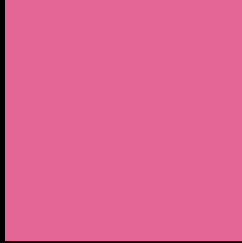
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 144.8470, 59.0920, 41.4280 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 144.8470, 59.0920, 41.4280

## Background



This preview shows how black text looks on a background with the YIQ color 144.8470, 59.0920, 41.4280.



This preview shows how white text looks on a background with the YIQ color 144.8470, 59.0920,

41.4280.

# 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

144.8470, 59.0920, 41.4280

### Protanopia

145.8540, -13.8480, 8.6800

### Deuteranopia

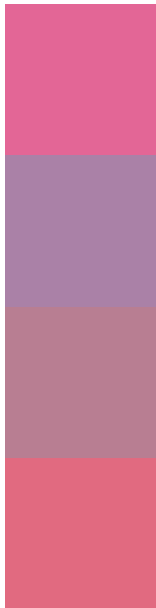
146.1370, 10.0400, 5.2720



## Tritanopia

144.1830, 66.2930, 26.5570

# Trichromacy



## Original Color

144.8470, 59.0920, 41.4280

## Protanomaly

145.5910, 12.2380, 20.5100

## Deuteranomaly

145.6220, 28.1480, 18.5160

## Tritanomaly

144.0890, 63.8620, 32.0700

# Monochromacy



## Original Color

144.8470, 59.0920, 41.4280

## Achromatopsia

145.0000, 0.0000, -0.0000

## Achromatomaly

144.8060, 21.6380, 15.3500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.8470, 59.0920, 41.4280 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(227, 102, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 102, 150)  
}
```

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(227, 102, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 102, 150) }
```

## Border

The CSS property to change the border of an element to YIQ 144.8470, 59.0920, 41.4280 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(227, 102, 150) }
```



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

```
.border{ border-color:rgb(227, 102, 150) }
```

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

Here you see how a box with a 4 pixel rgb(227, 102, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 102, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 102, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 102,  
150) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.8470, 59.0920, 41.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 102, 150) }
```

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

```
.background{ background-color: rgb(227,  
102, 150) }
```

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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