

# Converting Colors

YIQ(149.9480, 59.6450, 25.8930)

Have a look what the booklet for  
YIQ(149.9480, 59.6450, 25.8930)  
contains.

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# Color

**YIQ(149.9480, 59.6450,  
25.8930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF7580
RGB	223, 117, 128
RGB Percent	87%, 46%, 50%
CMY	0.1252, 0.5413, 0.4978
CMYK	0.00, 0.48, 0.43, 0.13
HSL	354°, 62%, 67%
HSV	354°, 48%, 87%
XYZ	40.7080, 29.9707, 24.0815
YIQ	149.9480, 59.6450, 25.8930

# Conversions

## Conversions Part 2

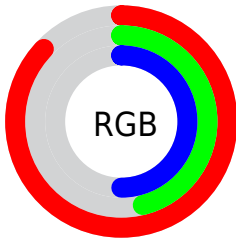
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 117, 128
Decimal	14644608
CIE Lab	61.63, 42.28, 12.89
CIE LCh	62, 44.207, 16.957
Yxy	29.9707, 0.4296, 0.3163
Android (android.graphics.Color)	4292834688 (0xFFDF7580)
YUV	149.9480, -10.8204, 64.0666
Hunter-Lab	54.7455, 36.9254, 12.2413

# Details

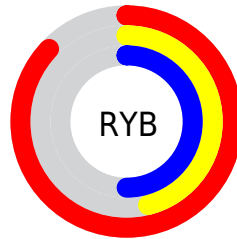
The YIQ color **149.9480, 59.6450, 25.8930** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **190.0520, -59.6450, -25.8930**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.2560, 46.8540, 20.9180**, and **96.1970, 54.5100, 25.3420** is the 20% darker color. If you saturate the color by 10%, you get **134.7540, 72.1150, 31.1790**, and if you desaturate by 10%, it is **165.1420, 47.1750, 20.6070**.

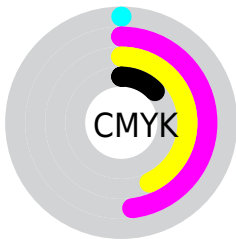
# Distribution



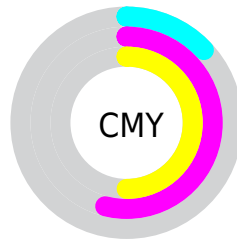
- Red (87%)
- Green (46%)
- Blue (50%)



- Red (87%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (54%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9480, 59.6450, 25.8930 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 149.9480, 59.6450, 25.8930 by changing the saturation by 10% instead.





 149.9480, 59.6450,  
25.8930


 149.9480, 59.6450,  
25.8930


255.0000, -0.0000,  
-0.0000


 122.8660, 56.9400,  
25.3560


 197.2560, 46.8540,  
20.9180


 96.1970, 54.5100,  
25.3420


 216.7700, 30.4870,  
14.6710

 69.9410, 52.3550,  
25.8510

 237.0990, 13.2030,  
8.5230

 39.8040, 51.4830,  
30.6430

 25.5160, 43.1860,  
21.3140

 16.5590, 32.4590,  
11.9710

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,  
0.0000

■ 149.9480, 59.6450,  
25.8930

■ 149.9480, 59.6450,  
25.8930

■ 134.7540, 72.1150,  
31.1790

■ 165.1420, 47.1750,  
20.6070

■ 118.9730, 84.8600,  
36.9880

■ 180.9230, 34.4300,  
14.7980

■ 103.7790, 97.3300,  
42.2740

■ 196.1170, 21.9600,  
9.5120

■ 88.5850, 109.8000,  
47.5600

■ 211.3110, 9.4900,  
4.2260

■ 72.8040, 122.5450,  
53.3690

■ 226.5050, -2.9800,  
-1.0600

■ 69.2990, 125.5250,  
54.4290

■ 242.2860,  
-15.7250, -6.8690

■ 245.4320,  
-19.0720, -6.7840

# Harmonies

## Analogous

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



152.1050, 40.5700, 35.6900



149.9480, 59.6450, 25.8930



148.8380, 62.1700, 7.6580

# Triad

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



149.9480, 59.6450, 25.8930



138.0910, -11.8230, -33.5430



124.0770, -104.3510, -8.6310

# Complementary

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



149.9480, 59.6450, 25.8930



190.0520, -59.6450, -25.8930

# 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.



120.8120, -111.4550, -23.0630



149.9480, 59.6450, 25.8930



125.3960, -64.0900, -38.9540

# Square

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



149.9480, 59.6450, 25.8930



143.6410, 24.8550, -26.4490



118.5830, -101.0450, -35.5170



147.7270, -37.8750, 20.1170



# Rectangle

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



149.9480, 59.6450, 25.8930



147.5130, 55.2950, -5.4170



118.5830, -101.0450, -35.5170



119.5870, -114.8950, -15.7830

# Sweetspot

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



149.9480, 59.6450, 25.8930



230.2200, 20.1720, 8.8760



157.1900, 21.9980, 52.8940



112.8060, 12.4700, 5.2860



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.



149.9480, 59.6450, 25.8930



155.0650, 81.6050, 35.4050



172.7610, 51.9010, 1.0290



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310



# Inverse Universe

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



149.9480, 59.6450, 25.8930



155.0650, 81.6050, 35.4050



167.2390, -51.9010, -1.0290



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310



# Previews

## White Background



This preview shows how the YIQ color 149.9480, 59.6450, 25.8930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

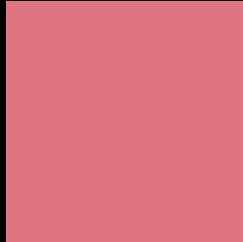
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 149.9480, 59.6450, 25.8930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

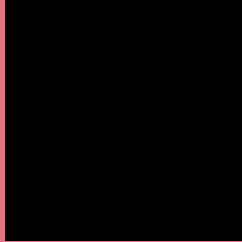
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 149.9480, 59.6450, 25.8930

## Background



This preview shows how black text looks on a background with the YIQ color 149.9480, 59.6450, 25.8930.



This preview shows how white text looks on a background with the YIQ color 149.9480, 59.6450,

25.8930.

# 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

149.9480, 59.6450, 25.8930

### Protanopia

149.7400, 3.6680, -0.3960

### Deuteranopia

150.3910, 23.7040, -0.0720



## Tritanopia

149.7200, 60.2870, 25.2710

# Trichromacy



## Original Color

149.9480, 59.6450, 25.8930

## Protanomaly

149.4870, 23.7940, 9.3140

## Deuteranomaly

150.0170, 36.8610, 9.2850

## Tritanomaly

149.8340, 59.9660, 25.5820

# Monochromacy



## Original Color

149.9480, 59.6450, 25.8930

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

150.1170, 21.9600, 9.5120

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.9480, 59.6450, 25.8930 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(223, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 117, 128)  
}
```

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(223, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 117, 128) }
```

## Border

The CSS property to change the border of an element to YIQ 149.9480, 59.6450, 25.8930 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(223, 117, 128) }
```



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

```
.border{ border-color:rgb(223, 117, 128) }
```

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

Here you see how a box with a 4 pixel rgb(223, 117, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 117, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 117, 128);  
box-shadow:4px 4px 4px 4px rgb(223, 117,  
128) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.9480, 59.6450, 25.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 117, 128) }
```

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

```
.background{ background-color: rgb(223,  
117, 128) }
```

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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