

# Converting Colors

YIQ(127.6710, 61.9830, 27.5750)

Have a look what the booklet for  
YIQ(127.6710, 61.9830, 27.5750)  
contains.

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# Color

**YIQ(127.6710, 61.9830,  
27.5750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5D6A
RGB	204, 93, 106
RGB Percent	80%, 36%, 42%
CMY	0.1997, 0.6355, 0.5841
CMYK	0.00, 0.54, 0.48, 0.20
HSL	353°, 52%, 58%
HSV	353°, 54%, 80%
XYZ	31.4358, 21.7096, 16.1856
YIQ	127.6710, 61.9830, 27.5750

# Conversions

## Conversions Part 2

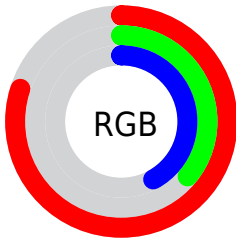
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 93, 106
Decimal	13393258
CIE Lab	53.72, 45.27, 14.26
CIE LCh	54, 47.464, 17.479
Yxy	21.7096, 0.4534, 0.3131
Android (android.graphics.Color)	4291583338 (0xFFCC5D6A)
YUV	127.6710, -10.6838, 66.9405
Hunter-Lab	46.5935, 38.8920, 12.0194

# Details

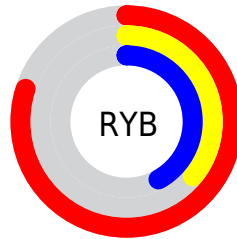
The YIQ color **127.6710, 61.9830, 27.5750** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **169.3290, -61.9830, -27.5750**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4320, 61.1580, 26.0060**, and **73.5610, 56.4810, 28.1690** is the 20% darker color. If you saturate the color by 10%, you get **113.8790, 73.2610, 32.4370**, and if you desaturate by 10%, it is **141.4630, 50.7050, 22.7130**.

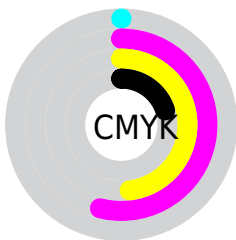
# Distribution



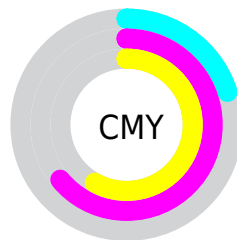
- Red (80%)
- Green (36%)
- Blue (42%)



- Red (80%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (54%)
- Yellow (48%)
- Black (20%)




- Cyan (20%)
- Magenta (64%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6710, 61.9830, 27.5750 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 127.6710, 61.9830, 27.5750 by changing the saturation by 10% instead.





 127.6710, 61.9830,  
27.5750


 127.6710, 61.9830,  
27.5750

255.0000, -0.0000,  
-0.0000


 101.0020, 59.5530,  
27.5610


 179.8450, 61.4330,  
26.5290


 73.5610, 56.4810,  
28.1690


 199.3590, 45.0660,  
20.2820


 42.2500, 56.1590,  
34.0070

 218.9870, 28.3780,  
14.3460

 28.5490, 47.5870,  
24.1550

 239.2020, 11.4150,  
7.8870

 18.5380, 36.9520,  
13.1440

 9.6820, 18.7510,  
7.0950

 0.0000, 0.0000,

0.0000

■ 127.6710, 61.9830,  
27.5750

■ 127.6710, 61.9830,  
27.5750

■ 113.8790, 73.2610,  
32.4370

■ 141.4630, 50.7050,  
22.7130

■ 99.5000, 84.8140,  
37.8220

■ 155.8420, 39.1520,  
17.3280

■ 85.7080, 96.0920,  
42.6840

■ 169.6340, 27.8740,  
12.4660

■ 71.3290, 107.6450,  
48.0690

■ 184.0130, 16.3210,  
7.0810

■ 63.7320, 113.8800,  
50.7120

■ 197.8050, 5.0430,  
2.2190

■ 211.5970, -6.2350,  
-2.6430

■ 225.9760,  
-17.7880, -8.0280

■ 239.1810,  
-28.7910, -12.3670

■ 239.7510,  
-30.3960, -10.8120

# Harmonies

## Analogous

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



130.2410, 43.1830, 37.8950



127.6710, 61.9830, 27.5750



126.6210, 64.2790, 7.9830

# Triad

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



127.6710, 61.9830, 27.5750



115.8410, -14.1150, -36.0590



104.7180, -104.7180, -7.4860

# Complementary

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



127.6710, 61.9830, 27.5750



169.3290, -61.9830, -27.5750

# 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.



107.1340, -100.4980, -17.8900



127.6710, 61.9830, 27.5750



98.7150, -75.4140, -42.9820

# Square

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



127.6710, 61.9830, 27.5750



122.0600, 24.9930, -28.9510



104.7910, -89.7670, -30.6550



126.2860, -40.9470, 20.7250



# Rectangle

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



127.6710, 61.9830, 27.5750



125.9430, 56.9000, -6.9720



104.7910, -89.7670, -30.6550



105.9090, -103.9380, -10.6100

# Sweetspot

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



127.6710, 61.9830, 27.5750



226.8290, 22.8310, 10.2470



134.3580, 21.5850, 54.8730



110.8170, 13.9370, 6.2330



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.



127.6710, 61.9830, 27.5750



140.9140, 92.5160, 41.4120



150.2560, 54.8810, 2.0890



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110



# Inverse Universe

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



127.6710, 61.9830, 27.5750



140.9140, 92.5160, 41.4120



146.7440, -54.8810, -2.0890



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120

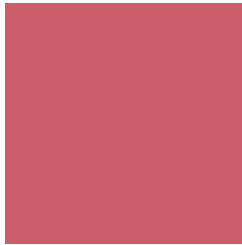


11.9320, 21.0430, 9.6110



# Previews

## White Background



This preview shows how the YIQ color 127.6710, 61.9830, 27.5750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

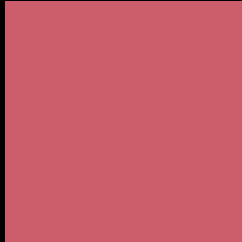
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 127.6710, 61.9830, 27.5750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

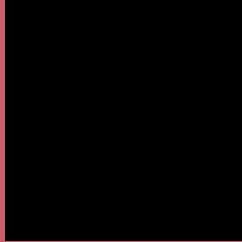
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 127.6710, 61.9830, 27.5750

## Background



This preview shows how black text looks on a background with the YIQ color 127.6710, 61.9830, 27.5750.



This preview shows how white text looks on a background with the YIQ color 127.6710, 61.9830,

27.5750.

# 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

127.6710, 61.9830, 27.5750

### Protanopia

128.7400, 3.6680, -0.3960

### Deuteranopia

129.4510, 23.4750, -1.4290



## Tritanopia

127.5740, 63.6340, 25.1860

# Trichromacy



## Original Color

127.6710, 61.9830, 27.5750

## Protanomaly

128.0850, 24.9860, 9.7380

## Deuteranomaly

128.9030, 37.1820, 8.9740

## Tritanomaly

127.8020, 62.9920, 25.8080

# Monochromacy



## Original Color

127.6710, 61.9830, 27.5750

## Achromatopsia

128.0000, -0.0000, -0.0000

## Achromatomaly

127.8290, 22.8310, 10.2470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 127.6710, 61.9830, 27.5750 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(204, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(204, 93, 106)  
}
```

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(204, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 93, 106) }
```

## Border

The CSS property to change the border of an element to YIQ 127.6710, 61.9830, 27.5750 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(204, 93, 106) }
```



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

```
.border{ border-color:rgb(204, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 93, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 93, 106); box-shadow:4px 4px 4px 4px rgb(204, 93, 106) }
```

# Background

The CSS property to change the background color of an element to YIQ 127.6710, 61.9830, 27.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 93, 106) }
```

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

```
.background{ background-color: rgb(204, 93,  
106) }
```

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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