

Converting Colors

YIQ(129.2650, 68.9980, 27.0940)

Have a look what the booklet for
YIQ(129.2650, 68.9980, 27.0940)
contains.

YIQ(129.2650, 68.9980, 27.0940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.2650, 68.9980,
27.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	D45D63
RGB	212, 93, 99
RGB Percent	83%, 36%, 39%
CMY	0.1683, 0.6355, 0.6115
CMYK	0.00, 0.56, 0.53, 0.17
HSL	357°, 58%, 60%
HSV	357°, 56%, 83%
XYZ	33.3379, 22.7300, 14.4518
YIQ	129.2650, 68.9980, 27.0940

Conversions

Conversions Part 2

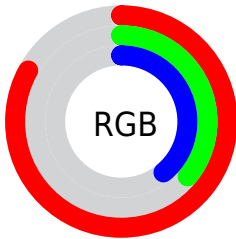
Format	Color
R_{YB}	212, 93, 99
Decimal	13917539
CIE Lab	54.79, 47.47, 20.04
CIE LCh	55, 51.529, 22.883
Yxy	22.7300, 0.4727, 0.3223
Android (android.graphics.Color)	4292107619 (0xFFD45D63)
YUV	129.2650, -14.9206, 72.5586
Hunter-Lab	47.6760, 41.3846, 15.4009

Details

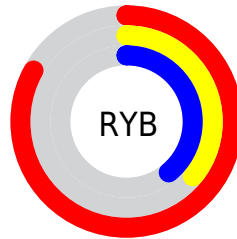
The YIQ color **129.2650, 68.9980, 27.0940** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **175.7350, -68.9980, -27.0940**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6340, 63.4050, 23.8290**, and **74.3830, 62.8540, 28.3100** is the 20% darker color. If you saturate the color by 10%, you get **114.6580, 81.1930, 31.8570**, and if you desaturate by 10%, it is **143.8720, 56.8030, 22.3310**.

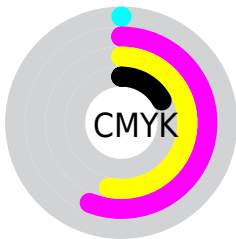
Distribution



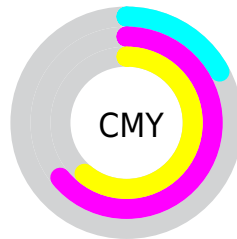
- Red (83%)
- Green (36%)
- Blue (39%)



- Red (83%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2650, 68.9980, 27.0940 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 129.2650, 68.9980, 27.0940 by changing the saturation by 10% instead.

129.2650, 68.9980,
27.0940

129.2650, 68.9980,
27.0940

255.0000, -0.0000,
-0.0000

101.7100, 66.2470,
27.3910

179.6340, 63.4050,
23.8290

74.3830, 62.8540,
28.3100

199.0340, 47.3590,
17.2710

41.0120, 62.7610,
35.5050

218.6620, 30.6710,
11.3350

29.4310, 53.7310,
22.9390

238.8770, 13.7080,
4.8760

20.0330, 39.9320,
14.2040

11.4760, 22.3270,
8.3670

0.0000, 0.0000,

0.0000

■ 129.2650, 68.9980,
27.0940

■ 129.2650, 68.9980,
27.0940

■ 114.6580, 81.1930,
31.8570

■ 143.8720, 56.8030,
22.3310

■ 100.0510, 93.3880,
36.6200

■ 158.4790, 44.6080,
17.5680

■ 84.8570, 105.8580,
41.9060

■ 173.6730, 32.1380,
12.2820

■ 70.2500, 118.0530,
46.6690

■ 188.3940, 19.6220,
7.8300

■ 64.6420, 122.8210,
48.3650

■ 203.0010, 7.4270,
3.0670

■ 217.6080, -4.7680,
-1.6960

■ 232.2150,
-16.9630, -6.4590

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



131.7260, 52.1230, 41.0750



129.2650, 68.9980, 27.0940



128.9540, 67.5350, 4.0390

Triad

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



129.2650, 68.9980, 27.0940



114.8610, -26.0350, -40.2990



106.6730, -108.8450, -4.2770

Complementary

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



129.2650, 68.9980, 27.0940



175.7350, -68.9980, -27.0940

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.



110.3770, -105.4960, -15.4160



129.2650, 68.9980, 27.0940



102.7900, -79.9990, -42.4870

Square

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



129.2650, 68.9980, 27.0940



122.8590, 21.0050, -33.7710



108.5070, -94.7190, -29.0150



131.2700, -34.8500, 25.8700

Rectangle

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



129.2650, 68.9980, 27.0940



127.8520, 58.4140, -12.3860



108.5070, -94.7190, -29.0150



108.5650, -108.6610, -7.6130

Sweetspot

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



129.2650, 68.9980, 27.0940



225.0850, 24.9860, 9.7380



139.7550, 27.9570, 60.5410



109.8880, 15.1750, 5.8230



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.



129.2650, 68.9980, 27.0940



136.1550, 99.0270, 39.0510



159.1050, 56.6240, -1.9680



99.4030, 6.2350, 2.6430



52.1550, 99.0270, 39.0510



13.0850, 24.9860, 9.7380

Inverse Universe

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



129.2650, 68.9980, 27.0940



136.1550, 99.0270, 39.0510



145.8950, -56.6240, 1.9680



99.4030, 6.2350, 2.6430



52.1550, 99.0270, 39.0510



13.0850, 24.9860, 9.7380

Previews

White Background



This preview shows how the YIQ color 129.2650, 68.9980, 27.0940 looks on a white background.

Color Contrast Check

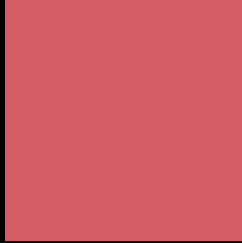
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2650, 68.9980, 27.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

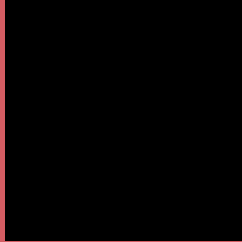
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2650, 68.9980, 27.0940

Background



This preview shows how black text looks on a background with the YIQ color 129.2650, 68.9980, 27.0940.



This preview shows how white text looks on a background with the YIQ color 129.2650, 68.9980,

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

129.2650, 68.9980, 27.0940

Protanopia

131.1980, 8.0700, -3.0820

Deuteranopia

131.3220, 28.1520, -3.5920



Tritanopia

129.2650, 68.9980, 27.0940

Trichromacy



Original Color

129.2650, 68.9980, 27.0940

Protanomaly

130.2550, 30.2590, 7.7870

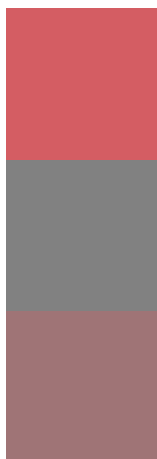
Deuteranomaly

130.4860, 42.7300, 7.5460

Tritanomaly

129.2650, 68.9980, 27.0940

Monochromacy



Original Color

129.2650, 68.9980, 27.0940

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0850, 24.9860, 9.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2650, 68.9980, 27.0940 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(212, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(212, 93, 99)  
}
```

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(212, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 93, 99) }
```

Border

The CSS property to change the border of an element to YIQ 129.2650, 68.9980, 27.0940 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(212, 93, 99) }
```


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

```
.border{ border-color:rgb(212, 93, 99) }
```

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

Here you see how a box with a 4 pixel rgb(212, 93, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(212, 93,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2650, 68.9980, 27.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 93, 99) }
```

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

```
.background{ background-color: rgb(212, 93,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor