

Converting Colors

YIQ(140.8600, 57.0770, 28.3810)

Have a look what the booklet for
YIQ(140.8600, 57.0770, 28.3810)
contains.

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Color

**YIQ(140.8600, 57.0770,
28.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	D56B7E
RGB	213, 107, 126
RGB Percent	84%, 42%, 49%
CMY	0.1644, 0.5805, 0.5057
CMYK	0.00, 0.50, 0.41, 0.16
HSL	349°, 56%, 63%
HSV	349°, 50%, 84%
XYZ	36.4825, 26.1701, 22.8854
YIQ	140.8600, 57.0770, 28.3810

Conversions

Conversions Part 2

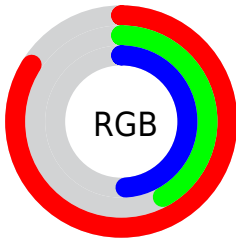
Format	Color
R_{YB}	213, 107, 126
Decimal	13986686
CIE _{Lab}	58.20, 43.55, 9.01
CIE _{LCh}	58, 44.476, 11.694
Yxy	26.1701, 0.4265, 0.3059
Android (android.graphics.Color)	4292176766 (0xFFD56B7E)
YUV	140.8600, -7.3260, 63.2668
Hunter-Lab	51.1567, 37.7736, 9.2857

Details

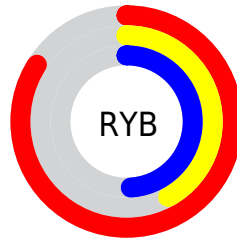
The YIQ color **140.8600, 57.0770, 28.3810** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **179.1400, -57.0770, -28.3810**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.1580, 50.2460, 25.5260**, and **87.4080, 52.5380, 28.0420** is the 20% darker color. If you saturate the color by 10%, you get **126.5950, 68.3090, 34.0770**, and if you desaturate by 10%, it is **155.2390, 45.5240, 22.9960**.

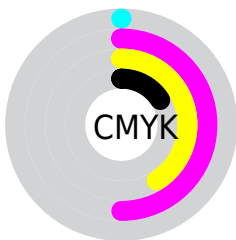
Distribution



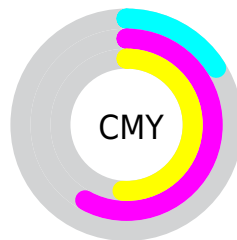
- Red (84%)
- Green (42%)
- Blue (49%)



- Red (84%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.8600, 57.0770, 28.3810 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 140.8600, 57.0770, 28.3810 by changing the saturation by 10% instead.


 140.8600, 57.0770,
28.3810


 140.8600, 57.0770,
28.3810


255.0000, -0.0000,
-0.0000


 114.0770, 54.9680,
28.0560


 191.1580, 50.2460,
25.5260


 87.4080, 52.5380,
28.0420


 210.6720, 33.8790,
19.2790


 59.7930, 50.0160,
29.6960

 230.3000, 17.1910,
13.3430

 33.4770, 48.0900,
31.5620

 249.7170, 2.4750,
4.7070

 22.7820, 39.3810,
18.6850

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 140.8600, 57.0770,
28.3810

■ 140.8600, 57.0770,
28.3810

■ 126.5950, 68.3090,
34.0770

■ 155.2390, 45.5240,
22.9960

■ 111.6290, 80.1370,
39.9850

■ 170.0910, 34.0170,
16.7770

■ 97.3640, 91.3690,
45.6810

■ 184.3560, 22.7850,
11.0810

■ 82.9850, 102.9220,
51.0660

■ 198.7350, 11.2320,
5.6960

■ 68.1330, 114.4290,
57.2850

■ 213.0000, -0.0000,
0.0000

■ 68.0190, 114.7500,
56.9740

■ 227.9660,
-11.8280, -5.9080

■ 241.6440,
-22.7850, -11.0810

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



142.8810, 35.3890, 35.9730



140.8600, 57.0770, 28.3810



139.3590, 62.2610, 11.5170

Triad

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



140.8600, 57.0770, 28.3810



129.7390, -4.9000, -32.3560



112.9190, -109.8980, -12.7300

Complementary

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



140.8600, 57.0770, 28.3810



179.1400, -57.0770, -28.3810

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.



113.9330, -104.4860, -22.7100



140.8600, 57.0770, 28.3810



118.5990, -54.4160, -38.0640

Square

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



140.8600, 57.0770, 28.3810



135.0330, 29.6230, -24.7530



111.4760, -93.4340, -35.7860



136.7150, -46.7690, 16.1030

Rectangle

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



140.8600, 57.0770, 28.3810



138.4040, 57.2200, -1.7560



111.4760, -93.4340, -35.7860



114.1100, -109.1180, -15.8540

Sweetspot

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



140.8600, 57.0770, 28.3810



229.1600, 20.4010, 10.2330



145.0970, 17.8260, 51.4100



112.3330, 12.4240, 6.1200



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.



140.8600, 57.0770, 28.3810



150.9390, 82.2000, 41.1440



158.6520, 53.8260, 4.6900



99.5170, 5.9140, 2.9540



54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Inverse Universe

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



140.8600, 57.0770, 28.3810



150.9390, 82.2000, 41.1440



161.3480, -53.8260, -4.6900



99.5170, 5.9140, 2.9540



54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 140.8600, 57.0770, 28.3810 looks on a white background.

Color Contrast Check

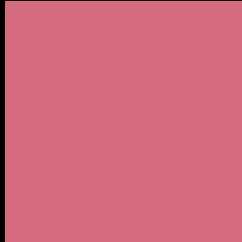
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8600, 57.0770, 28.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

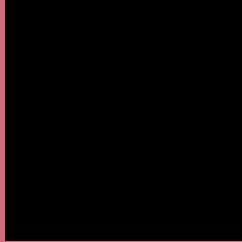
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.8600, 57.0770, 28.3810

Background



This preview shows how black text looks on a background with the YIQ color 140.8600, 57.0770, 28.3810.



This preview shows how white text looks on a background with the YIQ color 140.8600, 57.0770,

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

140.8600, 57.0770, 28.3810

Protanopia

141.0540, -0.0920, 1.6680

Deuteranopia

141.1780, 19.9900, 1.1580



Tritanopia

140.5950, 59.1410, 24.0130

Trichromacy



Original Color

140.8600, 57.0770, 28.3810

Protanomaly

140.9860, 20.9510, 11.2790

Deuteranomaly

141.2170, 33.4220, 11.0380

Tritanomaly

140.4640, 58.1320, 25.7800

Monochromacy



Original Color

140.8600, 57.0770, 28.3810

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1600, 20.4010, 10.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.8600, 57.0770, 28.3810 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(213, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(213, 107, 126)  
}
```

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(213, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 107, 126) }
```

Border

The CSS property to change the border of an element to YIQ 140.8600, 57.0770, 28.3810 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(213, 107, 126) }
```


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

```
.border{ border-color:rgb(213, 107, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(213, 107,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 140.8600, 57.0770, 28.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 107, 126) }
```

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

```
.background{ background-color: rgb(213,  
107, 126) }
```

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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