

Converting Colors

YIQ(126.6660, 69.5470, 33.6670)

Have a look what the booklet for
YIQ(126.6660, 69.5470, 33.6670)
contains.

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Color

**YIQ(126.6660, 69.5470,
33.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	D6566B
RGB	214, 86, 107
RGB Percent	84%, 34%, 42%
CMY	0.1605, 0.6629, 0.5801
CMYK	0.00, 0.60, 0.50, 0.16
HSL	350°, 61%, 59%
HSV	350°, 60%, 84%
XYZ	33.7360, 22.0183, 16.4001
YIQ	126.6660, 69.5470, 33.6670

Conversions

Conversions Part 2

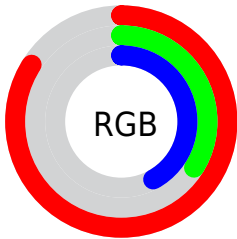
Format	Color
R_{YB}	214, 86, 107
Decimal	14046827
CIE _{Lab}	54.05, 52.09, 14.36
CIE _{LCh}	54, 54.034, 15.409
Yxy	22.0183, 0.4676, 0.3052
Android (android.graphics.Color)	4292236907 (0xFFD6566B)
YUV	126.6660, -9.6953, 76.5919
Hunter-Lab	46.9236, 46.2174, 12.1244

Details

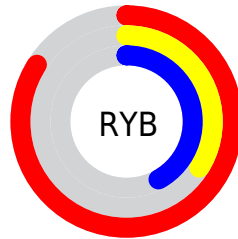
The YIQ color **126.6660, 69.5470, 33.6670** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **173.3340, -69.5470, -33.6670**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.0240, 62.4870, 29.4550**, and **69.3220, 64.8240, 36.6640** is the 20% darker color. If you saturate the color by 10%, you get **112.2870, 81.1000, 39.0520**, and if you desaturate by 10%, it is **141.0450, 57.9940, 28.2820**.

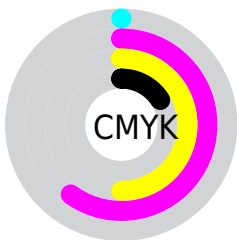
Distribution



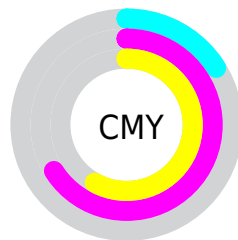
- Red (84%)
- Green (34%)
- Blue (42%)



- Red (84%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.6660, 69.5470, 33.6670 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 126.6660, 69.5470, 33.6670 by changing the saturation by 10% instead.


 126.6660, 69.5470,
33.6670


 126.6660, 69.5470,
33.6670


255.0000, -0.0000,
-0.0000


 98.5240, 67.0710,
34.4870


 177.0240, 62.4870,
29.4550


 68.7350, 65.0990,
37.1870


 195.9510, 46.3950,
23.7310


 41.8210, 61.9810,
38.6290

 216.1660, 29.4320,
17.2720

 30.8700, 51.1170,
26.2610

 236.3810, 12.4690,
10.8130

 20.4460, 40.2070,
14.7270

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 126.6660, 69.5470,
33.6670

■ 126.6660, 69.5470,
33.6670

■ 112.2870, 81.1000,
39.0520

■ 141.0450, 57.9940,
28.2820

■ 97.3210, 92.9280,
44.9600

■ 156.0110, 46.1660,
22.3740

■ 82.9420, 104.4810,
50.3450

■ 170.3900, 34.6130,
16.9890

■ 68.0900, 115.9880,
56.5640

■ 185.3560, 22.7850,
11.0810

■ 67.9760, 116.3090,
56.2530

■ 199.6210, 11.5530,
5.3850

■ 214.0000, -0.0000,
0.0000

■ 228.9660,
-11.8280, -5.9080

■ 242.1710,
-22.8310, -10.2470

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



130.1970, 46.4830, 44.1710



126.6660, 69.5470, 33.6670



126.3940, 72.3480, 10.4280

Triad

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



126.6660, 69.5470, 33.6670



114.9780, -13.2430, -40.8510



107.7330, -109.0740, -5.6340

Complementary

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



126.6660, 69.5470, 33.6670



173.3340, -69.5470, -33.6670

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.



109.6930, -103.5700, -17.2820



126.6660, 69.5470, 33.6670



99.9060, -74.6340, -46.1060

Square

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



126.6660, 69.5470, 33.6670



121.0190, 32.2380, -33.6020



106.6660, -90.9130, -31.9130



124.3430, -54.2890, 20.2310

Rectangle

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



126.6660, 69.5470, 33.6670



125.4340, 65.7030, -6.8170



106.6660, -90.9130, -31.9130



108.9240, -108.2940, -8.7580

Sweetspot

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



126.6660, 69.5470, 33.6670



223.6660, 24.8480, 12.2400



132.5850, 22.6840, 62.4920



108.2410, 15.6790, 7.7030



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.



126.6660, 69.5470, 33.6670



129.5500, 99.7130, 48.6490



149.5130, 64.4630, 4.6470



99.5170, 5.9140, 2.9540



54.3210, 92.9280, 44.9600



13.6550, 23.3810, 11.2930

Inverse Universe

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



126.6660, 69.5470, 33.6670



129.5500, 99.7130, 48.6490



150.4870, -64.4630, -4.6470



99.5170, 5.9140, 2.9540



54.3210, 92.9280, 44.9600



13.6550, 23.3810, 11.2930

Previews

White Background



This preview shows how the YIQ color 126.6660, 69.5470, 33.6670 looks on a white background.

Color Contrast Check

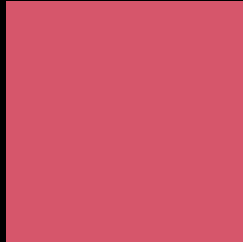
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6660, 69.5470, 33.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

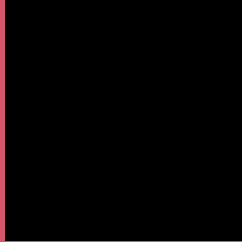
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6660, 69.5470, 33.6670

Background



This preview shows how black text looks on a background with the YIQ color 126.6660, 69.5470, 33.6670.

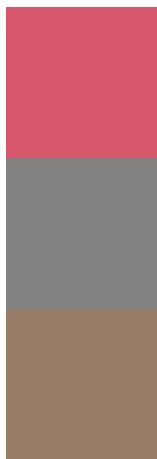


This preview shows how white text looks on a background with the YIQ color 126.6660, 69.5470,

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

126.6660, 69.5470, 33.6670

Protanopia

129.8970, 1.7880, 0.6360

Deuteranopia

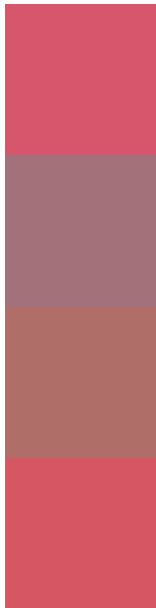
129.7500, 24.0710, -1.2170



Tritanopia

126.0590, 72.5740, 28.3660

Trichromacy



Original Color

126.6660, 69.5470, 33.6670

Protanomaly

128.5630, 26.6360, 12.8760

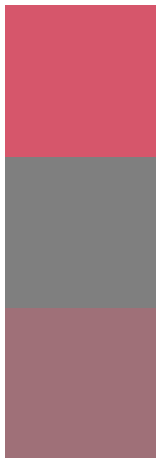
Deuteranomaly

128.6370, 40.9870, 11.6030

Tritanomaly

126.0420, 71.2440, 30.4440

Monochromacy



Original Color

126.6660, 69.5470, 33.6670

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9650, 25.4440, 12.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6660, 69.5470, 33.6670 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(214, 86, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 107)  
}
```

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(214, 86, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 107) }
```

Border

The CSS property to change the border of an element to YIQ 126.6660, 69.5470, 33.6670 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(214, 86, 107) }
```


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

```
.border{ border-color:rgb(214, 86, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 86, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 86, 107); box-shadow:4px 4px 4px 4px rgb(214, 86, 107) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6660, 69.5470, 33.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 107) }
```

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

```
.background{ background-color: rgb(214, 86,  
107) }
```

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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