

Converting Colors

YIQ(135.7670, 52.9050, 26.8970)

Have a look what the booklet for
YIQ(135.7670, 52.9050, 26.8970)
contains.

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Color

**YIQ(135.7670, 52.9050,
26.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	CB687B
RGB	203, 104, 123
RGB Percent	80%, 41%, 48%
CMY	0.2037, 0.5923, 0.5174
CMYK	0.00, 0.49, 0.39, 0.20
HSL	348°, 49%, 60%
HSV	348°, 49%, 80%
XYZ	33.1702, 24.0289, 21.6450
YIQ	135.7670, 52.9050, 26.8970

Conversions

Conversions Part 2

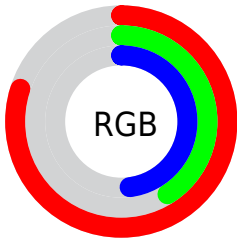
Format	Color
R_{YB}	203, 104, 123
Decimal	13330555
CIE _{Lab}	56.12, 41.18, 7.61
CIE _{LCh}	56, 41.875, 10.477
Yxy	24.0289, 0.4207, 0.3048
Android (android.graphics.Color)	4291520635 (0xFFC687B)
YUV	135.7670, -6.2941, 58.9633
Hunter-Lab	49.0193, 35.0028, 8.1334

Details

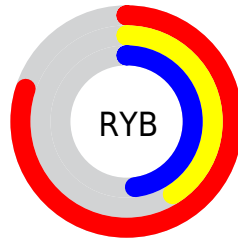
The YIQ color **135.7670, 52.9050, 26.8970** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **171.2330, -52.9050, -26.8970**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3540, 52.6300, 26.3740**, and **82.6140, 48.9620, 26.7700** is the 20% darker color. If you saturate the color by 10%, you get **122.2030, 63.5410, 32.3810**, and if you desaturate by 10%, it is **149.3310, 42.2690, 21.4130**.

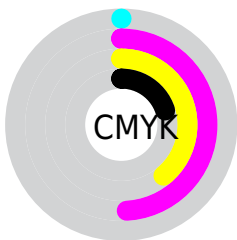
Distribution



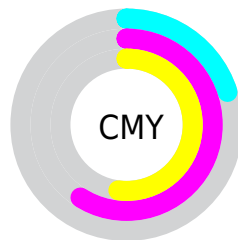
- Red (80%)
- Green (41%)
- Blue (48%)



- Red (80%)
- Yellow (41%)
- Blue (48%)



- Cyan (0%)
- Magenta (49%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.7670, 52.9050, 26.8970 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 135.7670, 52.9050, 26.8970 by changing the saturation by 10% instead.


 135.7670, 52.9050,
26.8970


 135.7670, 52.9050,
26.8970


255.0000, -0.0000,
-0.0000


 108.9840, 50.7960,
26.5720


 188.3540, 52.6300,
26.3740

 82.7280, 48.6410,
27.0810


 207.9820, 35.9420,
20.4380


 55.8850, 46.7610,
28.1130

 227.6100, 19.2540,
14.5020

 30.4440, 43.6890,
28.7210

 247.3690, 3.5750,
6.7990

 19.8200, 36.2180,
15.4340

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,

0.0000

■ 135.7670, 52.9050,
26.8970

■ 135.7670, 52.9050,
26.8970

■ 122.2030, 63.5410,
32.3810

■ 149.3310, 42.2690,
21.4130

■ 107.9380, 74.7730,
38.0770

■ 163.5960, 31.0370,
15.7170

■ 94.3740, 85.4090,
43.5610

■ 177.1600, 20.4010,
10.2330

■ 80.6960, 96.3660,
48.7340

■ 190.8380, 9.4440,
5.0600

■ 66.5450, 107.2770,
54.7410

■ 204.4020, -1.1920,
-0.4240

■ 65.1430, 108.4690,
55.1650

■ 218.5530,
-12.1030, -6.4310

■ 232.2310,
-23.0600, -11.6040

■ 239.3380,
-30.6710, -11.3350

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



138.1470, 31.5840, 33.3440



135.7670, 52.9050, 26.8970



134.2060, 58.3180, 11.3900

Triad

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



135.7670, 52.9050, 26.8970



125.5760, -2.8830, -30.3630



108.2570, -105.0380, -12.7020

Complementary

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



135.7670, 52.9050, 26.8970



171.2330, -52.9050, -26.8970

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.



109.2710, -99.6260, -22.6820



135.7670, 52.9050, 26.8970



116.0130, -46.7140, -34.4740

Square

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



135.7670, 52.9050, 26.8970



130.3150, 28.8890, -22.4630



106.5690, -89.2620, -34.3020



131.1450, -45.1640, 14.5480

Rectangle

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



135.7670, 52.9050, 26.8970



133.6640, 53.5520, -1.3600



106.5690, -89.2620, -34.3020



109.3340, -103.9370, -16.1370

Sweetspot

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



135.7670, 52.9050, 26.8970



229.1600, 20.4010, 10.2330



138.9070, 15.3050, 47.5370



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.



135.7670, 52.9050, 26.8970



153.1560, 80.0910, 40.8190



151.2110, 50.7540, 5.2980



95.2180, 5.3180, 2.7420



53.2820, 88.6640, 45.1440



12.1600, 20.4010, 10.2330

Inverse Universe

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



135.7670, 52.9050, 26.8970



153.1560, 80.0910, 40.8190



155.7890, -50.7540, -5.2980



95.2180, 5.3180, 2.7420



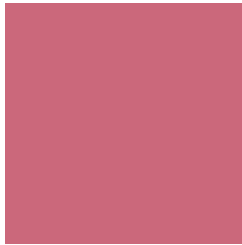
53.2820, 88.6640, 45.1440



12.1600, 20.4010, 10.2330

Previews

White Background



This preview shows how the YIQ color 135.7670, 52.9050, 26.8970 looks on a white background.

Color Contrast Check

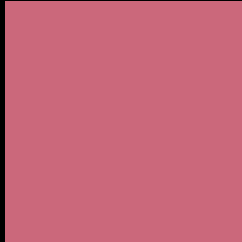
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7670, 52.9050, 26.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

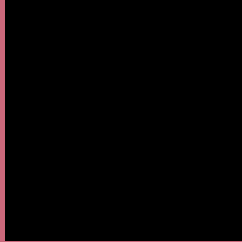
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7670, 52.9050, 26.8970

Background



This preview shows how black text looks on a background with the YIQ color 135.7670, 52.9050, 26.8970.



This preview shows how white text looks on a background with the YIQ color 135.7670, 52.9050,

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

135.7670, 52.9050, 26.8970

Protanopia

135.2820, -0.7340, 2.2900

Deuteranopia

135.9220, 17.8350, 1.6670



Tritanopia

135.5020, 54.9690, 22.5290

Trichromacy



Original Color

135.7670, 52.9050, 26.8970

Protanomaly

135.3170, 18.5210, 11.2650

Deuteranomaly

136.1350, 30.7170, 10.5010

Tritanomaly

135.3710, 53.9600, 24.2960

Monochromacy



Original Color

135.7670, 52.9050, 26.8970

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.5620, 19.2090, 9.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7670, 52.9050, 26.8970 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(203, 104, 123)` looks like.

```
.text, #text, p{  
    color:rgb(203, 104, 123)  
}
```

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(203, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 104, 123) }
```

Border

The CSS property to change the border of an element to YIQ 135.7670, 52.9050, 26.8970 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(203, 104, 123) }
```


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

```
.border{ border-color:rgb(203, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 104, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 104, 123);  
box-shadow:4px 4px 4px 4px rgb(203, 104,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7670, 52.9050, 26.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 104, 123) }
```

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

```
.background{ background-color: rgb(203,  
104, 123) }
```

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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