

Converting Colors

YIQ(122.7700, 66.0180, 26.0340)

Have a look what the booklet for
YIQ(122.7700, 66.0180, 26.0340)
contains.

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Color

**YIQ(122.7700, 66.0180,
26.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	CA585E
RGB	202, 88, 94
RGB Percent	79%, 35%, 37%
CMY	0.2076, 0.6551, 0.6311
CMYK	0.00, 0.56, 0.53, 0.21
HSL	357°, 52%, 57%
HSV	357°, 56%, 79%
XYZ	29.8852, 20.3473, 12.9574
YIQ	122.7700, 66.0180, 26.0340

Conversions

Conversions Part 2

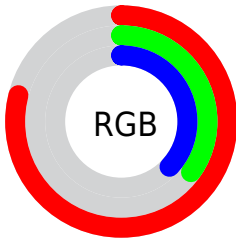
Format	Color
R_{YB}	202, 88, 94
Decimal	13260894
CIE _{Lab}	52.23, 45.91, 19.26
CIE _{LCh}	52, 49.789, 22.757
Yxy	20.3473, 0.4729, 0.3220
Android (android.graphics.Color)	4291450974 (0xFFCA585E)
YUV	122.7700, -14.1836, 69.4847
Hunter-Lab	45.1079, 39.3222, 14.5443

Details

The YIQ color **122.7700, 66.0180, 26.0340** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **167.2300, -66.0180, -26.0340**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.4280, 66.9810, 25.1010**, and **68.1870, 60.4700, 27.4620** is the 20% darker color. If you saturate the color by 10%, you get **108.8640, 77.6170, 30.5850**, and if you desaturate by 10%, it is **136.6760, 54.4190, 21.4830**.

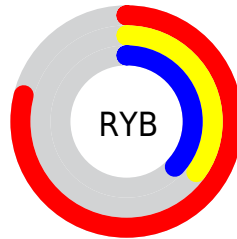
Distribution



Red (79%)

Green (35%)

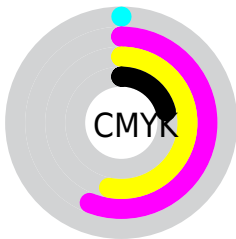
Blue (37%)



Red (79%)

Yellow (35%)

Blue (37%)

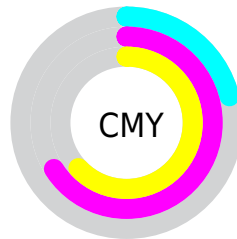


Cyan (0%)

Magenta (56%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.7700, 66.0180, 26.0340 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 122.7700, 66.0180, 26.0340 by changing the saturation by 10% instead.


 122.7700, 66.0180,
26.0340


 122.7700, 66.0180,
26.0340


255.0000, -0.0000,
-0.0000


 95.8020, 62.9920,
25.8080


 175.4280, 66.9810,
25.1010


 68.1870, 60.4700,
27.4620


 194.9420, 50.6140,
18.8540


 37.1640, 59.2770,
32.5650

 214.4560, 34.2470,
12.6070

 25.8280, 50.9350,
18.5430

 234.6710, 17.2840,
6.1480

 17.7550, 34.8430,
12.8190

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 122.7700, 66.0180,
26.0340

■ 122.7700, 66.0180,
26.0340

■ 108.8640, 77.6170,
30.5850

■ 136.6760, 54.4190,
21.4830

■ 94.9580, 89.2160,
35.1360

■ 150.5820, 42.8200,
16.9320

■ 80.4650, 101.0900,
40.2100

■ 165.0750, 30.9460,
11.8580

■ 66.5590, 112.6890,
44.7610

■ 179.0950, 19.0260,
7.6180

■ 61.6520, 116.8610,
46.2450

■ 193.0010, 7.4270,
3.0670

■ 206.9070, -4.1720,
-1.4840

■ 220.8130,
-15.7710, -6.0350

■ 235.3060,
-27.6450, -11.1090

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



125.0030, 49.7850, 39.3930



122.7700, 66.0180, 26.0340



122.2850, 65.1050, 4.0250

Triad

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



122.7700, 66.0180, 26.0340



108.6980, -24.0180, -38.3060



101.3100, -103.3890, -4.0370

Complementary

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



122.7700, 66.0180, 26.0340



167.2300, -66.0180, -26.0340

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.



104.6550, -100.4070, -14.0310



122.7700, 66.0180, 26.0340



97.8830, -75.8270, -41.0030

Square

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



122.7700, 66.0180, 26.0340



116.6140, 20.3170, -32.3150



102.8990, -89.9510, -27.3190



124.5150, -34.1620, 24.4140

Rectangle

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



122.7700, 66.0180, 26.0340



121.0090, 56.5340, -11.3540



102.8990, -89.9510, -27.3190



103.3160, -103.5260, -7.0620

Sweetspot

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



122.7700, 66.0180, 26.0340



225.0850, 24.9860, 9.7380



132.6900, 26.5820, 57.9260



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.



122.7700, 66.0180, 26.0340



134.7530, 100.2190, 39.4750



150.8490, 54.4690, -1.4590



94.9900, 5.9600, 2.1200



50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Inverse Universe

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



122.7700, 66.0180, 26.0340



134.7530, 100.2190, 39.4750



139.1510, -54.4690, 1.4590



94.9900, 5.9600, 2.1200



50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 122.7700, 66.0180, 26.0340 looks on a white background.

Color Contrast Check

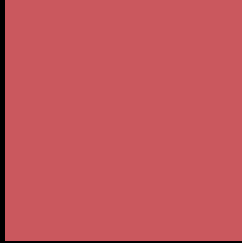
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7700, 66.0180, 26.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

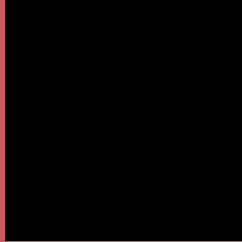
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.7700, 66.0180, 26.0340

Background



This preview shows how black text looks on a background with the YIQ color 122.7700, 66.0180, 26.0340.



This preview shows how white text looks on a background with the YIQ color 122.7700, 66.0180,

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

122.7700, 66.0180, 26.0340

Protanopia

125.1980, 8.0700, -3.0820

Deuteranopia

125.1370, 27.2350, -3.4930



Tritanopia

122.7700, 66.0180, 26.0340

Trichromacy



Original Color

122.7700, 66.0180, 26.0340

Protanomaly

124.6570, 29.0670, 7.3630

Deuteranomaly

124.0020, 41.2170, 7.4330

Tritanomaly

122.7700, 66.0180, 26.0340

Monochromacy



Original Color

122.7700, 66.0180, 26.0340

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.7860, 24.3900, 9.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7700, 66.0180, 26.0340 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(202, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(202, 88, 94)  
}
```

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(202, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 88, 94) }
```

Border

The CSS property to change the border of an element to YIQ 122.7700, 66.0180, 26.0340 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(202, 88, 94) }
```


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

```
.border{ border-color:rgb(202, 88, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 88, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 88, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 88, 94);  
box-shadow:4px 4px 4px 4px rgb(202, 88,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7700, 66.0180, 26.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 88, 94) }
```

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

```
.background{ background-color: rgb(202, 88,  
94) }
```

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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