

Converting Colors

YIQ(127.6770, 61.8460, 24.5500)

Have a look what the booklet for
YIQ(127.6770, 61.8460, 24.5500)
contains.

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Color

**YIQ(127.6770, 61.8460,
24.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5F65
RGB	202, 95, 101
RGB Percent	79%, 37%, 40%
CMY	0.2076, 0.6276, 0.6037
CMYK	0.00, 0.53, 0.50, 0.21
HSL	357°, 50%, 58%
HSV	357°, 53%, 79%
XYZ	30.8151, 21.6829, 14.8888
YIQ	127.6770, 61.8460, 24.5500

Conversions

Conversions Part 2

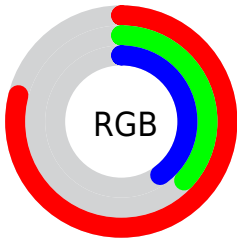
Format	Color
R _Y B	202, 95, 101
Decimal	13262693
CIE Lab	53.69, 43.10, 17.12
CIE LCh	54, 46.379, 21.656
Yxy	21.6829, 0.4573, 0.3218
Android (android.graphics.Color)	4291452773 (0xFFCA5F65)
YUV	127.6770, -13.1518, 65.1813
Hunter-Lab	46.5649, 36.6369, 13.6379

Details

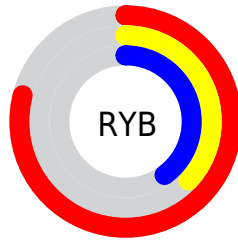
The YIQ color **127.6770, 61.8460, 24.5500** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **169.3230, -61.8460, -24.5500**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4490, 62.4880, 23.9280**, and **74.1540, 56.0690, 24.6210** is the 20% darker color. If you saturate the color by 10%, you get **113.7710, 73.4450, 29.1010**, and if you desaturate by 10%, it is **141.5830, 50.2470, 19.9990**.

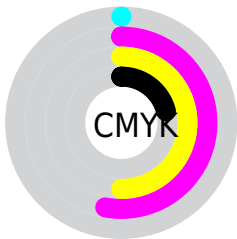
Distribution



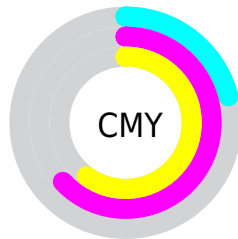
- Red (79%)
- Green (37%)
- Blue (40%)



- Red (79%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (21%)




- Cyan (21%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.6770, 61.8460, 24.5500 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 127.6770, 61.8460, 24.5500 by changing the saturation by 10% instead.


 127.6770, 61.8460,
24.5500


 127.6770, 61.8460,
24.5500


255.0000, -0.0000,
-0.0000


 101.0080, 59.4160,
24.5360


 180.4490, 62.4880,
23.9280


 74.4530, 56.6650,
24.8330


 199.9630, 46.1210,
17.6810


 45.1910, 54.6470,
28.3670

 219.4770, 29.7540,
11.4340

 27.2670, 48.3210,
21.8650

 239.6920, 12.7910,
4.9750

 17.9400, 35.7600,
12.7200

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,

0.0000

■ 127.6770, 61.8460,
24.5500

■ 127.6770, 61.8460,
24.5500

■ 113.7710, 73.4450,
29.1010

■ 141.5830, 50.2470,
19.9990

■ 99.8650, 85.0440,
33.6520

■ 155.4890, 38.6480,
15.4480

■ 85.3720, 96.9180,
38.7260

■ 169.9820, 26.7740,
10.3740

■ 71.4660, 108.5170,
43.2770

■ 183.8880, 15.1750,
5.8230

■ 61.7660, 116.5400,
46.5560

■ 197.7940, 3.5760,
1.2720

■ 211.7000, -8.0230,
-3.2790

■ 225.6060,
-19.6220, -7.8300

■ 239.0390,
-31.2670, -11.5470

■ 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.



129.8560, 45.7050, 36.2410



127.6770, 61.8460, 24.5500



126.6590, 61.1160, 4.7320

Triad

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



127.6770, 61.8460, 24.5500



114.8450, -19.9380, -35.1540



103.4300, -103.8470, -6.7510

Complementary

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



127.6770, 61.8460, 24.5500



169.3230, -61.8460, -24.5500

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.



106.1880, -100.5900, -16.2220



127.6770, 61.8460, 24.5500



99.3990, -77.3400, -41.1160

Square

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



127.6770, 61.8460, 24.5500



121.3090, 19.8580, -29.5020



104.7740, -91.0970, -28.5770



127.9450, -32.5570, 22.8590

Rectangle

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



127.6770, 61.8460, 24.5500



125.5080, 53.6910, -9.3890



104.7740, -91.0970, -28.5770



104.8490, -103.7090, -9.2530

Sweetspot

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



127.6770, 61.8460, 24.5500



226.6010, 23.4730, 9.6250



137.0980, 25.2530, 54.4770



110.7030, 14.2580, 5.9220



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.



127.6770, 61.8460, 24.5500



141.7630, 94.2590, 37.3550



153.9950, 51.1220, -1.3740



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.



127.6770, 61.8460, 24.5500



141.7630, 94.2590, 37.3550



143.0050, -51.1220, 1.3740



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 127.6770, 61.8460, 24.5500 looks on a white background.

Color Contrast Check

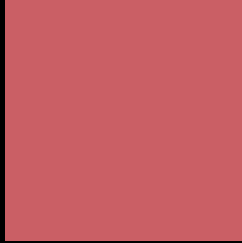
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6770, 61.8460, 24.5500 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 127.6770, 61.8460, 24.5500

Background



This preview shows how black text looks on a background with the YIQ color 127.6770, 61.8460, 24.5500.



This preview shows how white text looks on a background with the YIQ color 127.6770, 61.8460,

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

127.6770, 61.8460, 24.5500

Protanopia

128.5400, 7.1070, -2.1490

Deuteranopia

129.1800, 25.6760, -2.7720



Tritanopia

127.6770, 61.8460, 24.5500

Trichromacy



Original Color

127.6770, 61.8460, 24.5500

Protanomaly

128.2870, 27.2330, 7.5610

Deuteranomaly

128.3330, 38.7870, 7.4190

Tritanomaly

127.6770, 61.8460, 24.5500

Monochromacy



Original Color

127.6770, 61.8460, 24.5500

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8890, 22.6020, 8.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6770, 61.8460, 24.5500 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, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(202, 95, 101)  
}
```

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, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 95, 101) }
```

Border

The CSS property to change the border of an element to YIQ 127.6770, 61.8460, 24.5500 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, 95, 101) }
```


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

```
.border{ border-color:rgb(202, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(202, 95,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6770, 61.8460, 24.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 95, 101) }
```

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

```
.background{ background-color: rgb(202, 95,  
101) }
```

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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