

Converting Colors

YIQ(126.9970, 57.9490, 23.5890)

Have a look what the booklet for
YIQ(126.9970, 57.9490, 23.5890)
contains.

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Color

**YIQ(126.9970, 57.9490,
23.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	C56067
RGB	197, 96, 103
RGB Percent	77%, 38%, 40%
CMY	0.2272, 0.6237, 0.5959
CMYK	0.00, 0.51, 0.48, 0.23
HSL	356°, 47%, 57%
HSV	356°, 51%, 77%
XYZ	29.6724, 21.2172, 15.3785
YIQ	126.9970, 57.9490, 23.5890

Conversions

Conversions Part 2

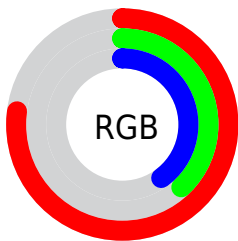
Format	Color
R_{YB}	197, 96, 103
Decimal	12935271
CIE _{Lab}	53.19, 40.97, 15.13
CIE _{LCh}	53, 43.676, 20.270
Yxy	21.2172, 0.4478, 0.3202
Android (android.graphics.Color)	4291125351 (0xFFC56067)
YUV	126.9970, -11.8305, 61.3926
Hunter-Lab	46.0621, 34.3778, 12.4487

Details

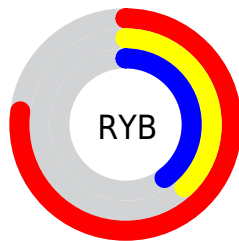
The YIQ color **126.9970, 57.9490, 23.5890** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **166.0030, -57.9490, -23.5890**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2640, 61.5710, 24.0270**, and **73.7730, 52.7680, 23.8720** is the 20% darker color. If you saturate the color by 10%, you get **113.2050, 69.2270, 28.4510**, and if you desaturate by 10%, it is **140.7890, 46.6710, 18.7270**.

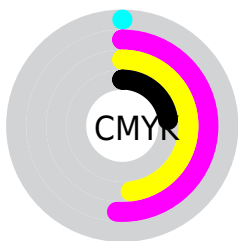
Distribution



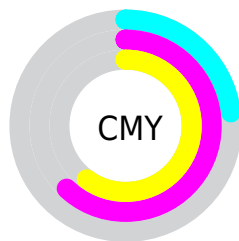
- Red (77%)
- Green (38%)
- Blue (40%)



- Red (77%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (23%)





- Cyan (23%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.9970, 57.9490, 23.5890 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 126.9970, 57.9490, 23.5890 by changing the saturation by 10% instead.


 126.9970, 57.9490,
23.5890


 126.9970, 57.9490,
23.5890


255.0000, -0.0000,
-0.0000


 100.3280, 55.5190,
23.5750


 181.2640, 61.5710,
24.0270


 73.7730, 52.7680,
23.8720


 200.1910, 45.4790,
18.3030


 46.5710, 50.5210,
26.0490

 219.7050, 29.1120,
12.0560

 26.4130, 44.9740,
21.9500

 240.0340, 11.8280,
5.9080

 17.0430, 33.9720,
12.0840

 7.2900, 13.9830,
5.3990

 0.0000, 0.0000,

0.0000

■ 126.9970, 57.9490,
23.5890

■ 126.9970, 57.9490,
23.5890

■ 113.2050, 69.2270,
28.4510

■ 140.7890, 46.6710,
18.7270

■ 99.8860, 80.5510,
32.4790

■ 154.1080, 35.3470,
14.6990

■ 86.0940, 91.8290,
37.3410

■ 167.9000, 24.0690,
9.8370

■ 72.3020, 103.1070,
42.2030

■ 181.6920, 12.7910,
4.9750

■ 60.4990, 112.9180,
46.1180

■ 195.0110, 1.4670,
0.9470

■ 208.8030, -9.8110,
-3.9150

■ 222.5950,
-21.0890, -8.7770

■ 236.5010,
-32.6880, -13.3280

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



129.2360, 41.5790, 33.9230



126.9970, 57.9490, 23.5890



126.1040, 58.3650, 5.0290

Triad

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



126.9970, 57.9490, 23.5890



115.1660, -16.4080, -33.0480



102.1590, -101.6460, -8.0940

Complementary

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



126.9970, 57.9490, 23.5890



166.0030, -57.9490, -23.5890

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.



104.9170, -98.3890, -17.5650



126.9970, 57.9490, 23.5890



97.9970, -76.1480, -40.6920

Square

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



126.9970, 57.9490, 23.5890



121.1890, 20.3160, -26.7880



103.0300, -88.9420, -29.0860



126.7770, -32.1440, 20.8800

Rectangle

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



126.9970, 57.9490, 23.5890



124.8930, 51.1690, -7.7350



103.0300, -88.9420, -29.0860



103.4640, -101.1870, -10.9070

Sweetspot

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



126.9970, 57.9490, 23.5890



228.5900, 22.0060, 8.6780



135.3210, 23.0070, 51.1270



111.9910, 13.3870, 5.1870



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.



126.9970, 57.9490, 23.5890



145.4960, 90.6370, 36.9170



150.8530, 48.6460, -0.5540



92.6910, 5.3640, 1.9080



49.9910, 93.6170, 37.9770



11.1060, 20.4930, 8.5650

Inverse Universe

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



126.9970, 57.9490, 23.5890



145.4960, 90.6370, 36.9170



142.1470, -48.6460, 0.5540



92.6910, 5.3640, 1.9080



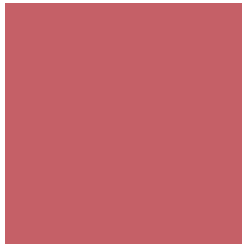
49.9910, 93.6170, 37.9770



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 126.9970, 57.9490, 23.5890 looks on a white background.

Color Contrast Check

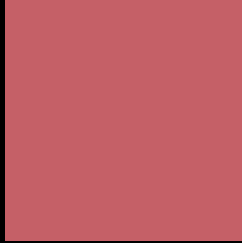
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9970, 57.9490, 23.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

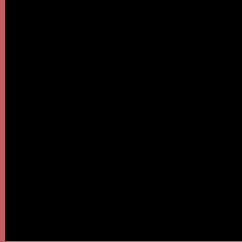
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.9970, 57.9490, 23.5890

Background



This preview shows how black text looks on a background with the YIQ color 126.9970, 57.9490, 23.5890.



This preview shows how white text looks on a background with the YIQ color 126.9970, 57.9490,

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

126.9970, 57.9490, 23.5890

Protanopia

127.5830, 5.5480, -1.4280

Deuteranopia

127.7500, 24.0710, -1.2170



Tritanopia

126.9970, 57.9490, 23.5890

Trichromacy



Original Color

126.9970, 57.9490, 23.5890

Protanomaly

127.6180, 24.8030, 7.5470

Deuteranomaly

127.6640, 36.3570, 7.4050

Tritanomaly

126.9970, 57.9490, 23.5890

Monochromacy



Original Color

126.9970, 57.9490, 23.5890

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9920, 20.8140, 8.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9970, 57.9490, 23.5890 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(197, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(197, 96, 103)  
}
```

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(197, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 96, 103) }
```

Border

The CSS property to change the border of an element to YIQ 126.9970, 57.9490, 23.5890 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(197, 96, 103) }
```


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

```
.border{ border-color:rgb(197, 96, 103) }
```

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

Here you see how a box with a 4 pixel rgb(197, 96, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(197, 96,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9970, 57.9490, 23.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 96, 103) }
```

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

```
.background{ background-color: rgb(197, 96,  
103) }
```

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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