

Converting Colors

YIQ(129.2310, 57.1700, 21.1860)

Have a look what the booklet for
YIQ(129.2310, 57.1700, 21.1860)
contains.

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Color

**YIQ(129.2310, 57.1700,
21.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	C56466
RGB	197, 100, 102
RGB Percent	77%, 39%, 40%
CMY	0.2272, 0.6080, 0.5998
CMYK	0.00, 0.49, 0.48, 0.23
HSL	359°, 46%, 58%
HSV	359°, 49%, 77%
XYZ	29.9958, 21.9453, 15.2402
YIQ	129.2310, 57.1700, 21.1860

Conversions

Conversions Part 2

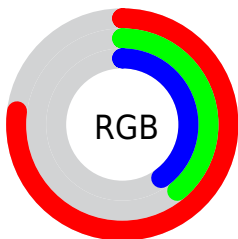
Format	Color
R _Y B	197, 100, 102
Decimal	12936294
CIE Lab	53.97, 38.83, 16.79
CIE LCh	54, 42.303, 23.390
Yxy	21.9453, 0.4465, 0.3267
Android (android.graphics.Color)	4291126374 (0xFFC56466)
YUV	129.2310, -13.4249, 59.4334
Hunter-Lab	46.8458, 32.3153, 13.5034

Details

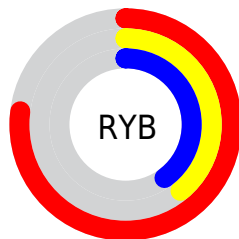
The YIQ color **129.2310, 57.1700, 21.1860** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **167.7690, -57.1700, -21.1860**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4980, 60.7920, 21.6240**, and **76.5940, 51.7140, 20.9460** is the 20% darker color. If you saturate the color by 10%, you get **115.3250, 68.7690, 25.7370**, and if you desaturate by 10%, it is **143.1370, 45.5710, 16.6350**.

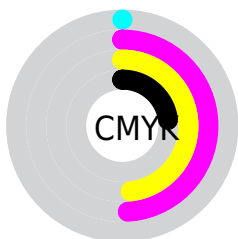
Distribution



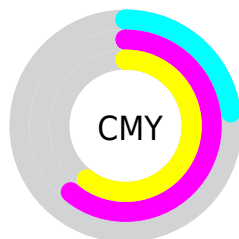
- Red (77%)
- Green (39%)
- Blue (40%)



- Red (77%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (23%)





- Cyan (23%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2310, 57.1700, 21.1860 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 129.2310, 57.1700, 21.1860 by changing the saturation by 10% instead.


 129.2310, 57.1700,
21.1860

 129.2310, 57.1700,
21.1860


255.0000, -0.0000,
-0.0000


 102.5620, 54.7400,
21.1720


 183.4980, 60.7920,
21.6240


 76.5940, 51.7140,
20.9460


 202.4250, 44.7000,
15.9000


 49.9790, 49.1920,
22.6000

 221.9390, 28.3330,
9.6530

 26.5980, 45.8910,
21.8510

 242.1540, 11.3700,
3.1940

 17.0430, 33.9720,
12.0840

 7.8880, 15.1750,
5.8230

 0.0000, 0.0000,

0.0000

■ 129.2310, 57.1700,
21.1860

■ 129.2310, 57.1700,
21.1860

■ 115.3250, 68.7690,
25.7370

■ 143.1370, 45.5710,
16.6350

■ 101.8920, 80.4140,
29.4540

■ 156.5700, 33.9260,
12.9180

■ 87.9860, 92.0130,
34.0050

■ 170.4760, 22.3270,
8.3670

■ 74.0800, 103.6120,
38.5560

■ 184.3820, 10.7280,
3.8160

■ 60.1740, 115.2110,
43.1070

■ 197.7010, -0.5960,
-0.2120

■ 59.3590, 116.1280,
43.0080

■ 211.7210,
-12.5160, -4.4520

■ 225.6270,
-24.1150, -9.0030

■ 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.



131.3670, 42.5880, 32.1560



129.2310, 57.1700, 21.1860



128.2670, 56.3480, 3.0360

Triad

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



129.2310, 57.1700, 21.1860



116.8390, -19.8010, -32.1290



111.7270, -82.5740, -1.3100

Complementary

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



129.2310, 57.1700, 21.1860



167.7690, -57.1700, -21.1860

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.



105.8460, -99.6270, -17.1550



129.2310, 57.1700, 21.1860



99.8550, -78.6240, -39.8720

Square

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



129.2310, 57.1700, 21.1860



123.0360, 16.3730, -26.9150



104.1870, -90.8220, -28.0540



129.8270, -26.4130, 21.6430

Rectangle

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



129.2310, 57.1700, 21.1860



126.9850, 47.9140, -9.3180



104.1870, -90.8220, -28.0540



104.1650, -101.7830, -11.1190

Sweetspot

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



129.2310, 57.1700, 21.1860



228.4760, 22.3270, 8.3670



139.1640, 24.8870, 50.0950



111.8770, 13.7080, 4.8760



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.



129.2310, 57.1700, 21.1860



150.1920, 88.4370, 32.7330



155.4180, 45.4370, -2.9710



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430

Inverse Universe

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



129.2310, 57.1700, 21.1860



150.1920, 88.4370, 32.7330



141.5820, -45.4370, 2.9710



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 129.2310, 57.1700, 21.1860 looks on a white background.

Color Contrast Check

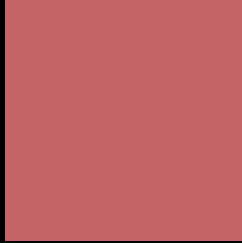
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2310, 57.1700, 21.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

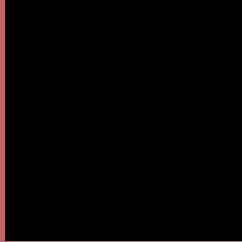
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2310, 57.1700, 21.1860

Background



This preview shows how black text looks on a background with the YIQ color 129.2310, 57.1700, 21.1860.



This preview shows how white text looks on a background with the YIQ color 129.2310, 57.1700,

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

129.2310, 57.1700, 21.1860

Protanopia

129.3120, 7.7490, -2.7710

Deuteranopia

129.4080, 25.0340, -2.1500



Tritanopia

129.1000, 56.1610, 22.9530

Trichromacy



Original Color

129.2310, 57.1700, 21.1860

Protanomaly

129.1620, 26.0870, 6.3030

Deuteranomaly

129.0230, 36.7240, 6.2600

Tritanomaly

128.9860, 56.4820, 22.6420

Monochromacy



Original Color

129.2310, 57.1700, 21.1860

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8780, 21.1350, 7.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2310, 57.1700, 21.1860 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, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(197, 100, 102)  
}
```

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, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 100, 102) }
```

Border

The CSS property to change the border of an element to YIQ 129.2310, 57.1700, 21.1860 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, 100, 102) }
```


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

```
.border{ border-color:rgb(197, 100, 102) }
```

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

Here you see how a box with a 4 pixel rgb(197, 100, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(197, 100,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2310, 57.1700, 21.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 100, 102) }
```

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

```
.background{ background-color: rgb(197,  
100, 102) }
```

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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