

Converting Colors

YIQ(127.3130, 59.8750, 21.7230)

Have a look what the booklet for
YIQ(127.3130, 59.8750, 21.7230)
contains.

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Color

**YIQ(127.3130, 59.8750,
21.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	C66162
RGB	198, 97, 98
RGB Percent	78%, 38%, 38%
CMY	0.2233, 0.6197, 0.6154
CMYK	0.00, 0.51, 0.50, 0.22
HSL	359°, 47%, 58%
HSV	359°, 51%, 78%
XYZ	29.7831, 21.4386, 14.1386
YIQ	127.3130, 59.8750, 21.7230

Conversions

Conversions Part 2

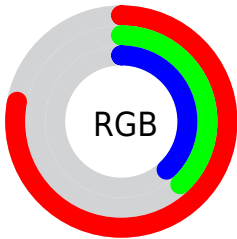
Format	Color
R_{YB}	198, 97, 98
Decimal	13001058
CIE _{Lab}	53.43, 40.36, 18.42
CIE _{LCh}	53, 44.365, 24.536
Yxy	21.4386, 0.4557, 0.3280
Android (android.graphics.Color)	4291191138 (0xFFC66162)
YUV	127.3130, -14.4513, 61.9925
Hunter-Lab	46.3019, 33.7897, 14.3068

Details

The YIQ color **127.3130, 59.8750, 21.7230** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **167.6870, -59.8750, -21.7230**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2810, 62.9010, 21.9490**, and **74.7900, 54.0980, 21.7940** is the 20% darker color. If you saturate the color by 10%, you get **113.2930, 71.7950, 25.9630**, and if you desaturate by 10%, it is **141.3330, 47.9550, 17.4830**.

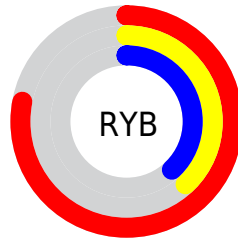
Distribution



Red (78%)

Green (38%)

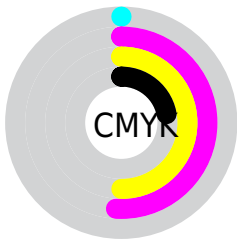
Blue (38%)



Red (78%)

Yellow (38%)

Blue (38%)

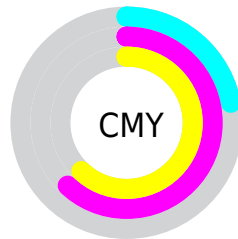


Cyan (0%)

Magenta (51%)

Yellow (50%)

Black (22%)



Cyan (22%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.3130, 59.8750, 21.7230 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 127.3130, 59.8750, 21.7230 by changing the saturation by 10% instead.


 127.3130, 59.8750,
21.7230


 127.3130, 59.8750,
21.7230


255.0000, -0.0000,
-0.0000


 100.6440, 57.4450,
21.7090


 181.2810, 62.9010,
21.9490


 74.7900, 54.0980,
21.7940


 200.0940, 47.1300,
15.9140


 47.0010, 52.1260,
24.4940

 219.7220, 30.4420,
9.9780

 25.9140, 47.8170,
19.9850

 239.9370, 13.4790,
3.5190

 17.0430, 33.9720,
12.0840

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 127.3130, 59.8750,
21.7230

■ 127.3130, 59.8750,
21.7230

■ 113.2930, 71.7950,
25.9630

■ 141.3330, 47.9550,
17.4830

■ 99.3870, 83.3940,
30.5140

■ 155.2390, 36.3560,
12.9320

■ 85.9540, 95.0390,
34.2310

■ 168.6720, 24.7110,
9.2150

■ 72.0480, 106.6380,
38.7820

■ 182.5780, 13.1120,
4.6640

■ 59.4300, 117.3660,
42.5980

■ 196.5980, 1.1920,
0.4240

■ 210.6180,
-10.7280, -3.8160

■ 224.5240,
-22.3270, -8.3670

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



129.2750, 45.8430, 33.7390



127.3130, 59.8750, 21.7230



126.5230, 58.5030, 2.5270

Triad

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



127.3130, 59.8750, 21.7230



114.4040, -23.0100, -34.5460



106.2850, -93.0730, -3.7690

Complementary

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



127.3130, 59.8750, 21.7230



167.6870, -59.8750, -21.7230

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.



105.4870, -99.9940, -16.0100



127.3130, 59.8750, 21.7230



99.2680, -78.3490, -39.3490

Square

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



127.3130, 59.8750, 21.7230



120.6830, 15.8690, -28.7950



103.7140, -90.8680, -27.2200



128.1800, -25.9090, 23.5230

Rectangle

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



127.3130, 59.8750, 21.7230



125.4150, 49.5190, -10.8730



103.7140, -90.8680, -27.2200



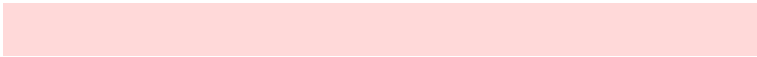
103.3330, -102.1960, -9.1400

Sweetspot

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



127.3130, 59.8750, 21.7230



228.3620, 22.6480, 8.0560



138.1150, 26.5830, 52.3990



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.



127.3130, 59.8750, 21.7230



145.8720, 92.3340, 33.6940



155.9620, 46.7210, -4.2150



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.7640, 21.4560, 7.6320

Inverse Universe

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



127.3130, 59.8750, 21.7230



145.8720, 92.3340, 33.6940



139.0380, -46.7210, 4.2150



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 127.3130, 59.8750, 21.7230 looks on a white background.

Color Contrast Check

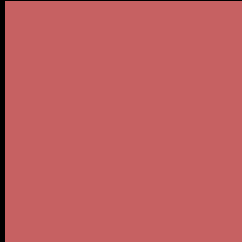
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3130, 59.8750, 21.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

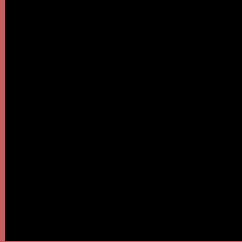
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.3130, 59.8750, 21.7230

Background



This preview shows how black text looks on a background with the YIQ color 127.3130, 59.8750, 21.7230.



This preview shows how white text looks on a background with the YIQ color 127.3130, 59.8750,

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

127.3130, 59.8750, 21.7230

Protanopia

128.0840, 8.3910, -3.3930

Deuteranopia

128.3650, 26.5930, -2.8710



Tritanopia

127.2960, 58.5450, 23.8010

Trichromacy



Original Color

127.3130, 59.8750, 21.7230

Protanomaly

127.9340, 26.7290, 5.6810

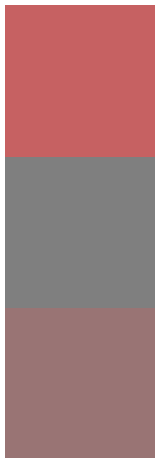
Deuteranomaly

128.2790, 38.8790, 5.7510

Tritanomaly

127.0680, 59.1870, 23.1790

Monochromacy



Original Color

127.3130, 59.8750, 21.7230

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0630, 22.0520, 7.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3130, 59.8750, 21.7230 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(198, 97, 98)` looks like.

```
.text, #text, p{  
    color:rgb(198, 97, 98)  
}
```

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(198, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 97, 98) }
```

Border

The CSS property to change the border of an element to YIQ 127.3130, 59.8750, 21.7230 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(198, 97, 98) }
```


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

```
.border{ border-color:rgb(198, 97, 98) }
```

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

Here you see how a box with a 4 pixel rgb(198, 97, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(198, 97,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3130, 59.8750, 21.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 97, 98) }
```

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

```
.background{ background-color: rgb(198, 97,  
98) }
```

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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