

Converting Colors

YIQ(129.8950, 57.9960, 17.2280)

Have a look what the booklet for
YIQ(129.8950, 57.9960, 17.2280)
contains.

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Color

**YIQ(129.8950, 57.9960,
17.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	C4675F
RGB	196, 103, 95
RGB Percent	77%, 40%, 37%
CMY	0.2312, 0.5962, 0.6272
CMYK	0.00, 0.47, 0.52, 0.23
HSL	5°, 46%, 57%
HSV	5°, 52%, 77%
XYZ	29.6940, 22.2632, 13.5730
YIQ	129.8950, 57.9960, 17.2280

Conversions

Conversions Part 2

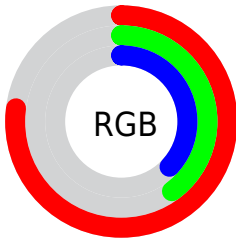
Format	Color
RYB	196, 104, 95
Decimal	12871519
CIELab	54.31, 36.23, 21.31
CIELCh	54, 42.032, 30.459
Yxy	22.2632, 0.4531, 0.3397
Android (android.graphics.Color)	4291061599 (0xFFC4675F)
YUV	129.8950, -17.2032, 57.9741
Hunter-Lab	47.1839, 29.7625, 15.9732

Details

The YIQ color **129.8950, 57.9960, 17.2280** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **161.1050, -57.9960, -17.2280**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3470, 62.5350, 17.5670**, and **77.9590, 51.9440, 16.7760** is the 20% darker color. If you saturate the color by 10%, you get **117.0490, 69.3660, 20.4220**, and if you desaturate by 10%, it is **142.7410, 46.6260, 14.0340**.

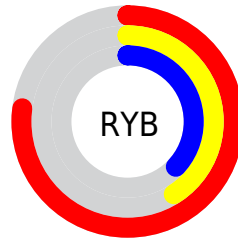
Distribution



Red (77%)

Green (40%)

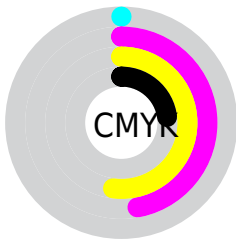
Blue (37%)



Red (77%)

Yellow (41%)

Blue (37%)

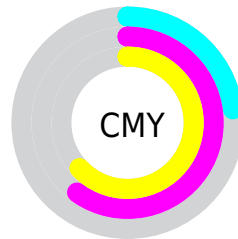


Cyan (0%)

Magenta (47%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (60%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.8950, 57.9960, 17.2280 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 129.8950, 57.9960, 17.2280 by changing the saturation by 10% instead.

■ 129.8950, 57.9960,
17.2280

■ 129.8950, 57.9960,
17.2280

■ 255.0000, -0.0000,
-0.0000

■ 103.8130, 55.2910,
16.6910

■ 184.4610, 62.2140,
17.8780

■ 77.9590, 51.9440,
16.7760

■ 203.2740, 46.4430,
11.8430

■ 51.9310, 49.1470,
17.9070

■ 222.7880, 30.0760,
5.5960

■ 25.1590, 48.5050,
18.5290

■ 243.1170, 12.7920,
-0.5520

■ 16.7440, 33.3760,
11.8720

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,

0.0000

■ 129.8950, 57.9960,
17.2280

■ 129.8950, 57.9960,
17.2280

■ 117.0490, 69.3660,
20.4220

■ 142.7410, 46.6260,
14.0340

■ 104.3170, 80.4150,
23.9270

■ 155.4730, 35.5770,
10.5290

■ 91.4710, 91.7850,
27.1210

■ 168.3190, 24.2070,
7.3350

■ 78.7390, 102.8340,
30.6260

■ 181.0510, 13.1580,
3.8300

■ 67.4090, 112.6910,
33.7070

■ 193.8970, 1.7880,
0.6360

■ 206.7430, -9.5820,
-2.5580

■ 219.4750,
-20.6310, -6.0630

■ 232.9080,
-32.2760, -9.7800

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



131.6510, 47.5400, 30.5160



129.8950, 57.9960, 17.2280



128.6640, 53.5520, -1.3600

Triad

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



129.8950, 57.9960, 17.2280



115.4510, -30.3920, -32.9200



120.8220, -63.5480, 6.3080

Complementary

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



129.8950, 57.9960, 17.2280



161.1050, -57.9960, -17.2280

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.



105.8290, -100.9570, -15.0770



129.8950, 57.9960, 17.2280



101.5820, -82.1090, -37.2850

Square

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



129.8950, 57.9960, 17.2280



123.0890, 8.8540, -28.3140



105.8000, -93.9860, -25.7780



132.2090, -15.6850, 25.4590

Rectangle

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



129.8950, 57.9960, 17.2280



127.3110, 43.8800, -13.3040



105.8000, -93.9860, -25.7780



108.1170, -92.6600, -5.7480

Sweetspot

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



129.8950, 57.9960, 17.2280



230.1230, 21.8230, 6.4870



135.9150, 30.0220, 50.6460



112.4640, 13.4330, 4.3530



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.



129.8950, 57.9960, 17.2280



151.2860, 90.8680, 27.2200



158.6580, 44.5210, -8.3990



90.5770, 5.6850, 1.5970



55.7700, 92.3810, 27.3330



11.6280, 18.8430, 5.4270

Inverse Universe

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



161.1050, -57.9960, -17.2280



200.7140, -90.8680, -27.2200



132.3420, -44.5210, 8.3990



93.4230, -5.6850, -1.5970



105.2300, -92.3810, -27.3330



21.9590, -19.1180, -5.9500

Previews

White Background



This preview shows how the YIQ color 129.8950, 57.9960, 17.2280 looks on a white background.

Color Contrast Check

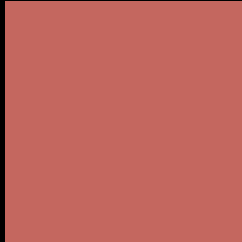
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8950, 57.9960, 17.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

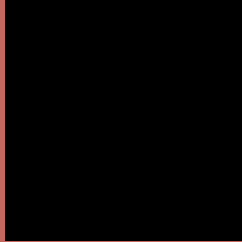
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8950, 57.9960, 17.2280

Background



This preview shows how black text looks on a background with the YIQ color 129.8950, 57.9960, 17.2280.



This preview shows how white text looks on a background with the YIQ color 129.8950, 57.9960,

17.2280.

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

129.8950, 57.9960, 17.2280

Protanopia

129.7700, 12.1510, -5.4570

Deuteranopia

130.0940, 28.7940, -4.2140



Tritanopia

130.5020, 54.9690, 22.5290

Trichromacy



Original Color

129.8950, 57.9960, 17.2280

Protanomaly

129.7230, 28.7010, 2.9810

Deuteranomaly

129.9970, 39.6130, 3.4610

Tritanomaly

130.5190, 56.2990, 20.4510

Monochromacy



Original Color

129.8950, 57.9960, 17.2280

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8240, 21.2270, 6.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8950, 57.9960, 17.2280 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(196, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 103, 95)  
}
```

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(196, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 103, 95) }
```

Border

The CSS property to change the border of an element to YIQ 129.8950, 57.9960, 17.2280 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(196, 103, 95) }
```


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

```
.border{ border-color:rgb(196, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 103,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8950, 57.9960, 17.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 103, 95) }
```

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

```
.background{ background-color: rgb(196,  
103, 95) }
```

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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