

Converting Colors

YIQ(127.2200, 63.7300, 1.4100)

Have a look what the booklet for
YIQ(127.2200, 63.7300, 1.4100)
contains.

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Color

**YIQ(127.2200, 63.7300,
1.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6D3B
RGB	189, 109, 59
RGB Percent	74%, 43%, 23%
CMY	0.2587, 0.5727, 0.7683
CMYK	0.00, 0.42, 0.69, 0.26
HSL	23°, 52%, 49%
HSV	23°, 69%, 74%
XYZ	27.2527, 22.0706, 6.9715
YIQ	127.2200, 63.7300, 1.4100

Conversions

Conversions Part 2

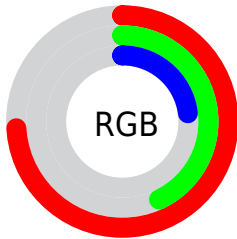
Format	Color
R _Y B	189, 140, 59
Decimal	12414267
CIE Lab	54.10, 27.54, 40.85
CIE LCh	54, 49.271, 56.013
Yxy	22.0706, 0.4841, 0.3921
Android (android.graphics.Color)	4290604347 (0xFFBD6D3B)
YUV	127.2200, -33.6325, 54.1811
Hunter-Lab	46.9794, 21.3339, 24.0873

Details

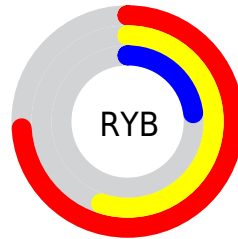
The YIQ color **127.2200, 63.7300, 1.4100** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **120.7800, -63.7300, -1.4100**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2700, 69.4610, 2.1730**, and **75.6430, 58.0450, -0.1870** is the 20% darker color. If you saturate the color by 10%, you get **118.0100, 73.1290, 1.7770**, and if you desaturate by 10%, it is **136.4300, 54.3310, 1.0430**.

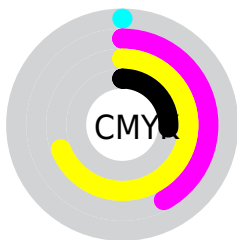
Distribution



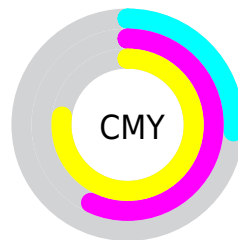
- Red (74%)
- Green (43%)
- Blue (23%)



- Red (74%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (26%)



- Cyan (26%)
- Magenta (57%)
- Yellow (77%)
- Black (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2200, 63.7300, 1.4100 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 127.2200, 63.7300, 1.4100 by changing the saturation by 10% instead.

127.2200, 63.7300,
1.4100

127.2200, 63.7300,
1.4100

255.0000, -0.0000,
-0.0000

101.1380, 61.0250,
0.8730

181.2700, 69.4610,
2.1730

75.6430, 58.0450,
-0.1870

201.8770, 57.2660,
-2.5900

52.5160, 51.2130,
2.4850

221.3910, 40.8990,
-8.8370

29.7570, 40.5290,
8.8890

241.4920, 24.2570,
-15.6070

14.3520, 28.6080,
10.1760

250.5540, 12.5190,
-12.1290

1.7940, 3.5760,
1.2720

253.8600, 3.2100,

0.0000, 0.0000,

-3.1100

0.0000

■ 127.2200, 63.7300,
1.4100

■ 127.2200, 63.7300,
1.4100

■ 118.0100, 73.1290,
1.7770

■ 136.4300, 54.3310,
1.0430

■ 109.3870, 82.2530,
1.6210

■ 145.0530, 45.2070,
1.1990

■ 100.1770, 91.6520,
1.9880

■ 154.2630, 35.8080,
0.8320

■ 99.3620, 92.5690,
1.8890

■ 163.4730, 26.4090,
0.4650

■ 172.0960, 17.2850,
0.6210

■ 181.1920, 8.2070,
-0.0570

■ 189.8150, -0.9170,
0.0990

■ 199.0250,
-10.3160, -0.2680

■ 208.2350,
-19.7150, -0.6350

Harmonies

Analogous

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



128.1890, 66.1560, 23.5320



127.2200, 63.7300, 1.4100



124.7640, 46.6780, -19.9620

Triad

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



127.2200, 63.7300, 1.4100



101.9580, -80.4120, -40.5080



130.1030, -27.0100, 26.9580

Complementary

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



127.2200, 63.7300, 1.4100



120.7800, -63.7300, -1.4100

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.



104.2280, -106.0940, -4.5740



127.2200, 63.7300, 1.4100



106.8600, -94.2150, -27.1350

Square

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



127.2200, 63.7300, 1.4100



112.7620, -30.0700, -38.7580



108.3880, -104.0290, -14.4690



133.2630, 19.7540, 38.4900

Rectangle

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



127.2200, 63.7300, 1.4100



122.5010, 28.0650, -29.5590



108.3880, -104.0290, -14.4690



126.4210, -45.7610, 19.8630

Sweetspot

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



127.2200, 63.7300, 1.4100



220.2880, 25.4920, 0.5640



106.9900, 51.8000, 52.4400



108.0140, 14.5800, 0.0840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.2200, 63.7300, 1.4100



149.2980, 98.6210, 2.3410



165.3750, 45.8550, -32.5850



90.0390, 4.2640, -0.1840



83.0490, 77.3930, 1.5930



16.3130, 15.1760, 0.2960

Inverse Universe

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



120.7800, -63.7300, -1.4100



139.7020, -98.6210, -2.3410



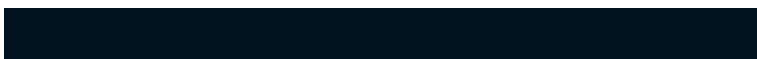
82.6250, -45.8550, 32.5850



89.5480, -4.5390, -0.3390



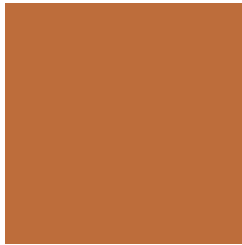
74.9510, -77.3930, -1.5930



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 127.2200, 63.7300, 1.4100 looks on a white background.

Color Contrast Check

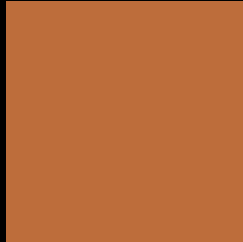
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2200, 63.7300, 1.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

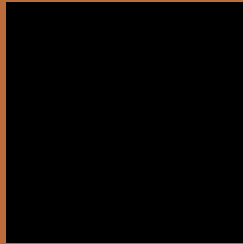
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.2200, 63.7300, 1.4100

Background



This preview shows how black text looks on a background with the YIQ color 127.2200, 63.7300, 1.4100.



This preview shows how white text looks on a background with the YIQ color 127.2200, 63.7300,

1.4100.

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

127.2200, 63.7300, 1.4100

Protanopia

126.5910, 28.2920, -17.1480

Deuteranopia

126.6100, 44.4760, -13.0920



Tritanopia

130.5230, 50.4760, 21.3560

Trichromacy



Original Color

127.2200, 63.7300, 1.4100

Protanomaly

126.6360, 41.5870, -10.2930

Deuteranomaly

126.7790, 51.4900, -8.0460

Tritanomaly

129.2320, 55.4290, 14.1890

Monochromacy



Original Color

127.2200, 63.7300, 1.4100

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9180, 23.6580, 0.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2200, 63.7300, 1.4100 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(189, 109, 59)` looks like.

```
.text, #text, p{  
    color:rgb(189, 109, 59)  
}
```

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(189, 109, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 109, 59) }
```

Border

The CSS property to change the border of an element to YIQ 127.2200, 63.7300, 1.4100 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(189, 109, 59) }
```


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

```
.border{ border-color:rgb(189, 109, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 109, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 109, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 109, 59);  
box-shadow:4px 4px 4px 4px rgb(189, 109,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2200, 63.7300, 1.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 109, 59) }
```

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

```
.background{ background-color: rgb(189,  
109, 59) }
```

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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