

Converting Colors

YIQ(127.6300, 68.0870, -5.9690)

Have a look what the booklet for
YIQ(127.6300, 68.0870, -5.9690)
contains.

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Color

**YIQ(127.6300, 68.0870,
-5.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	BD712A
RGB	189, 113, 42
RGB Percent	74%, 44%, 16%
CMY	0.2587, 0.5570, 0.8350
CMYK	0.00, 0.40, 0.78, 0.26
HSL	29°, 64%, 45%
HSV	29°, 78%, 74%
XYZ	27.3159, 22.7941, 5.1583
YIQ	127.6300, 68.0870, -5.9690

Conversions

Conversions Part 2

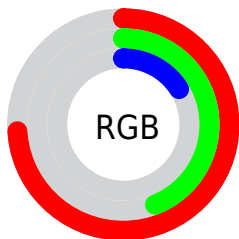
Format	Color
R_{YB}	189, 179, 42
Decimal	12415274
CIE _{Lab}	54.86, 24.53, 49.80
CIE _{LCh}	55, 55.518, 63.777
Y _{xy}	22.7941, 0.4942, 0.4124
Android (android.graphics.Color)	4290605354 (0xFFBD712A)
YUV	127.6300, -42.2156, 53.8215
Hunter-Lab	47.7432, 18.5767, 27.0144

Details

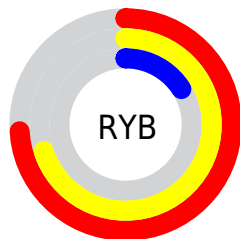
The YIQ color **127.6300, 68.0870, -5.9690** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **103.3700, -68.0870, 5.9690**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.0930, 74.0930, -4.6830**, and **76.4380, 59.8800, -5.9120** is the 20% darker color. If you saturate the color by 10%, you get **119.5940, 76.9360, -6.6480**, and if you desaturate by 10%, it is **135.6660, 59.2380, -5.2900**.

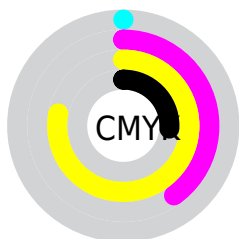
Distribution



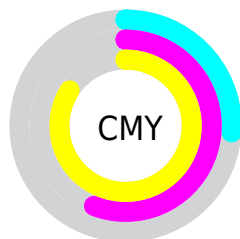
- Red (74%)
- Green (44%)
- Blue (16%)



- Red (74%)
- Yellow (70%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (78%)
- Black (26%)



- Cyan (26%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6300, 68.0870, -5.9690 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 127.6300, 68.0870, -5.9690 by changing the saturation by 10% instead.

127.6300, 68.0870,
-5.9690

127.6300, 68.0870,
-5.9690

255.0000, -0.0000,
-0.0000

100.9070, 65.7490,
-7.6510

182.0930, 74.0930,
-4.6830

76.4380, 59.8800,
-5.9120

202.4010, 61.3020,
-9.6580

54.5650, 49.5170,
0.1810

221.9150, 44.9350,
-15.9050

32.9800, 38.2830,
5.5390

242.0160, 28.2930,
-22.6750

14.0530, 28.0120,
9.9640

248.7300, 17.6550,
-17.1050

1.7940, 3.5760,
1.2720

251.9220, 8.6670,

0.0000, 0.0000,

-8.3970

0.0000

■ 127.6300, 68.0870,
-5.9690

■ 127.6300, 68.0870,
-5.9690

■ 119.5940, 76.9360,
-6.6480

■ 135.6660, 59.2380,
-5.2900

■ 111.5580, 85.7850,
-7.3270

■ 143.7020, 50.3890,
-4.6110

■ 109.9280, 87.6190,
-7.5250

■ 151.1510, 41.8150,
-3.4090

■ 159.1870, 32.9660,
-2.7300

■ 167.2230, 24.1170,
-2.0510

■ 175.2590, 15.2680,
-1.3720

■ 182.5940, 7.0150,
-0.4810

■ 190.6300, -1.8340,
0.1980

■ 198.6660,
-10.6830, 0.8770

Harmonies

Analogous

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



128.0990, 75.0970, 21.1850



127.6300, 68.0870, -5.9690



124.2550, 46.3130, -29.8710

Triad

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



127.6300, 68.0870, -5.9690



105.9020, -86.0060, -38.2460



134.1200, -16.5120, 34.9440

Complementary

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



127.6300, 68.0870, -5.9690



103.3700, -68.0870, 5.9690

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.



105.1230, -109.9920, -0.0080



127.6300, 68.0870, -5.9690



110.7870, -101.1390, -22.7950

Square

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



127.6300, 68.0870, -5.9690



98.5550, -69.4520, -51.9160



111.0270, -110.0820, -9.3940



133.7210, 33.3240, 45.8680

Rectangle

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



127.6300, 68.0870, -5.9690



121.5230, 21.8310, -37.7290



111.0270, -110.0820, -9.3940



131.0680, -37.0970, 28.0470

Sweetspot

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



127.6300, 68.0870, -5.9690



221.4790, 26.2720, -2.5600



94.8450, 62.5740, 55.4220



108.1450, 15.5890, -1.6830



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.



127.6300, 68.0870, -5.9690



149.7420, 105.6380, -9.1940



169.3070, 48.5620, -43.1020



90.0390, 4.2640, -0.1840



91.8540, 73.2680, -6.2520



18.0740, 14.3510, -1.2730

Inverse Universe

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



103.3700, -68.0870, 5.9690



112.2580, -105.6380, 9.1940



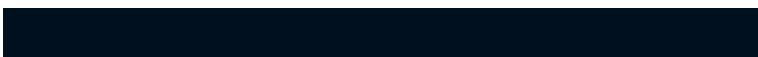
61.6930, -48.5620, 43.1020



88.9610, -4.2640, 0.1840



66.1460, -73.2680, 6.2520



12.9260, -14.3510, 1.2730

Previews

White Background



This preview shows how the YIQ color 127.6300, 68.0870, -5.9690 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 127.6300, 68.0870, -5.9690 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 127.6300, 68.0870, -5.9690

Background



This preview shows how black text looks on a background with the YIQ color 127.6300, 68.0870, -5.9690.



This preview shows how white text looks on a background with the YIQ color 127.6300, 68.0870, -5.9690.

-5.9690.

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

127.6300, 68.0870, -5.9690

Protanopia

126.7950, 36.2250, -23.2550

Deuteranopia

127.0420, 51.7670, -18.5770



Tritanopia

132.9250, 49.2840, 20.9320

Trichromacy



Original Color

127.6300, 68.0870, -5.9690

Protanomaly

126.9430, 47.7320, -17.0360

Deuteranomaly

127.4990, 57.9100, -14.2660

Tritanomaly

131.4230, 56.2090, 11.0650

Monochromacy



Original Color

127.6300, 68.0870, -5.9690

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1090, 24.4380, -2.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6300, 68.0870, -5.9690 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, 113, 42)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 42)  
}
```

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, 113, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 42) }
```

Border

The CSS property to change the border of an element to YIQ 127.6300, 68.0870, -5.9690 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, 113, 42) }
```


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

```
.border{ border-color:rgb(189, 113, 42) }
```

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

Here you see how a box with a 4 pixel rgb(189, 113, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 113, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 113, 42);  
box-shadow:4px 4px 4px 4px rgb(189, 113,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6300, 68.0870, -5.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 42) }
```

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

```
.background{ background-color: rgb(189,  
113, 42) }
```

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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