

Converting Colors

YIQ(122.9930, -7.2900, -0.0420)

Have a look what the booklet for
YIQ(122.9930, -7.2900, -0.0420)
contains.

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Color

**YIQ(122.9930, -7.2900,
-0.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	747D83
RGB	116, 125, 131
RGB Percent	45%, 49%, 51%
CMY	0.5451, 0.5098, 0.4863
CMYK	0.11, 0.05, 0.00, 0.49
HSL	204°, 6%, 48%
HSV	204°, 11%, 51%
XYZ	18.6321, 20.0193, 24.3518
YIQ	122.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

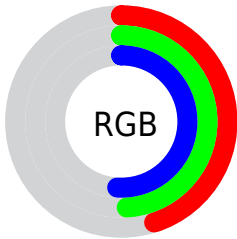
Format	Color
R_{YB}	116, 122, 131
Decimal	7634307
CIE _{Lab}	51.86, -2.04, -4.40
CIE _{LCh}	52, 4.852, 245.118
Yxy	20.0193, 0.2957, 0.3178
Android (android.graphics.Color)	4285824387 (0xFF747D83)
YUV	122.9930, 3.9475, -6.1329
Hunter-Lab	44.7430, -3.9683, -0.9490

Details

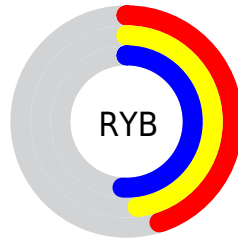
The YIQ color $122.9930, -7.2900, -0.0420$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $124.0070, 7.2900, 0.0420$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.6940, -7.8860, -0.2540$, and $74.2920, -6.6940, 0.1700$ is the 20% darker color. If you saturate the color by 10%, you get $116.1710, -13.6630, -0.1830$, and if you desaturate by 10%, it is $129.8150, -0.9170, 0.0990$.

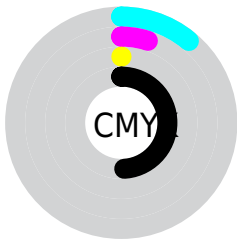
Distribution



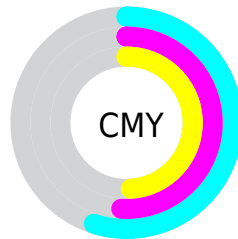
- Red (45%)
- Green (49%)
- Blue (51%)



- Red (45%)
- Yellow (48%)
- Blue (51%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9930, -7.2900, -0.0420 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 122.9930, -7.2900, -0.0420 by changing the saturation by 10% instead.

■ 122.9930, -7.2900,
-0.0420

■ 122.9930, -7.2900,
-0.0420

■ 255.0000, -0.0000,
-0.0000

■ 97.9930, -7.2900,
-0.0420

■ 175.6940, -7.8860,
-0.2540

■ 74.2920, -6.6940,
0.1700

■ 202.8080, -8.2070,
0.0570

■ 51.8790, -6.9690,
-0.3530

■ 230.8080, -8.2070,
0.0570

■ 30.4770, -5.7770,
0.0710

■ 254.1030, -1.7880,
-0.6360

■ 7.1070, -7.6110,
0.2690

■ 0.0000, 0.0000,
0.0000

■ 122.9930, -7.2900,
-0.0420

■ 122.9930, -7.2900,
-0.0420

■ 116.1710,
-13.6630, -0.1830

■ 129.8150, -0.9170,
0.0990

■ 109.3490,
-20.0360, -0.3240

■ 136.6370, 5.4560,
0.2400

■ 101.9400,
-26.1340, 0.0580

■ 144.0460, 11.5540,
-0.1420

■ 95.1180, -32.5070,
-0.0830

■ 150.8680, 17.9270,
-0.0010

■ 88.2960, -38.8800,
-0.2240

■ 157.6900, 24.3000,
0.1400

■ 81.1750, -45.8490,
-0.5770

■ 164.8110, 31.2690,
0.4930

■ 73.7660, -51.9470,
-0.1950

■ 172.2200, 37.3670,
0.1110

■ 66.9440, -58.3200,

■ 179.0420, 43.7400,

-0.3360

0.2520

■ 61.3070, -63.7760,
-0.5760

■ 185.8640, 50.1130,
0.3930

Harmonies

Analogous

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



122.6400, -7.7940, -1.9220



122.9930, -7.2900, -0.0420



123.7160, -4.9520, 1.6400

Triad

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



122.9930, -7.2900, -0.0420



124.5170, 5.9140, 2.9540



123.1910, 0.7800, -3.1240

Complementary

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



122.9930, -7.2900, -0.0420



124.0070, 7.2900, 0.0420

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.



123.5720, 4.0810, -2.3750



122.9930, -7.2900, -0.0420



124.3600, 7.7940, 1.9220

Square

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



122.9930, -7.2900, -0.0420



124.3750, 3.4380, 3.7740



123.7080, 6.6940, -0.1700



122.6250, -3.4380, -3.7740

Rectangle

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



122.9930, -7.2900, -0.0420



124.2110, -1.9720, 2.7000



123.7080, 6.6940, -0.1700



122.7890, 1.9720, -2.7000

Sweetspot

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



122.9930, -7.2900, -0.0420



168.3310, -2.4300, -0.0140



125.4890, -6.0510, -5.9790



84.6300, -1.8340, 0.1980



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



122.9930, -7.2900, -0.0420



157.9540, -11.5540, 0.1420



118.8840, -5.3650, 3.6190



63.0320, -3.0260, -0.2260



60.6060, -63.1800, -0.3640



1.5160, -1.5130, -0.1130

Inverse Universe

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



121.5110, 6.0510, 5.9790



155.7720, 9.8100, 9.4420



128.1160, 5.3650, -3.6190



62.2500, 2.2920, 2.5160



47.7620, 52.4420, 51.8180



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 122.9930, -7.2900, -0.0420 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 122.9930, -7.2900, -0.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

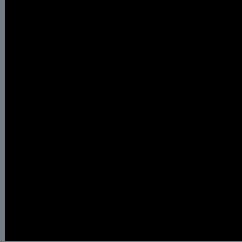
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

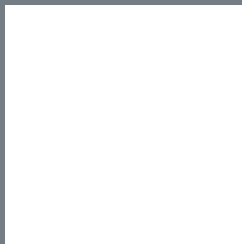
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.9930, -7.2900, -0.0420

Background



This preview shows how black text looks on a background with the YIQ color 122.9930, -7.2900, -0.0420.



This preview shows how white text looks on a background with the YIQ color 122.9930, -7.2900,

-0.0420.

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

122.9930, -7.2900, -0.0420

Protanopia

124.0970, -1.6510, 2.3890

Deuteranopia

124.9560, 3.3000, 6.2760



Tritanopia

123.0470, -7.3820, 1.6260

Trichromacy



Original Color

122.9930, -7.2900, -0.0420

Protanomaly

123.7870, -3.7140, 1.2300

Deuteranomaly

124.3360, -0.8260, 3.9580

Tritanomaly

122.9330, -7.0610, 1.3150

Monochromacy



Original Color

122.9930, -7.2900, -0.0420

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9930, -7.2900, -0.0420 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(116, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(116, 125, 131)  
}
```

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(116, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 125, 131) }
```

Border

The CSS property to change the border of an element to YIQ 122.9930, -7.2900, -0.0420 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(116, 125, 131) }
```


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

```
.border{ border-color:rgb(116, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(116, 125,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9930, -7.2900, -0.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 125, 131) }
```

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

```
.background{ background-color: rgb(116,  
125, 131) }
```

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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