

Converting Colors

YIQ(122.5660, 4.2180, 0.6500)

Have a look what the booklet for
YIQ(122.5660, 4.2180, 0.6500)
contains.

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Color

**YIQ(122.5660, 4.2180,
0.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7977
RGB	127, 121, 119
RGB Percent	50%, 47%, 47%
CMY	0.5019, 0.5255, 0.5333
CMYK	0.00, 0.05, 0.06, 0.50
HSL	15°, 3%, 48%
HSV	15°, 6%, 50%
XYZ	18.9200, 19.5184, 20.2245
YIQ	122.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

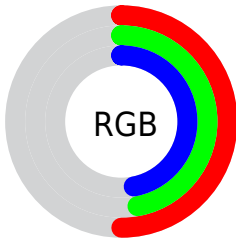
Format	Color
R_{YB}	127, 122, 119
Decimal	8354167
CIE _{Lab}	51.29, 1.91, 1.90
CIE _{LCh}	51, 2.693, 44.914
Yxy	19.5184, 0.3225, 0.3327
Android (android.graphics.Color)	4286544247 (0xFF7F7977)
YUV	122.5660, -1.7580, 3.8886
Hunter-Lab	44.1797, -0.8715, 3.7841

Details

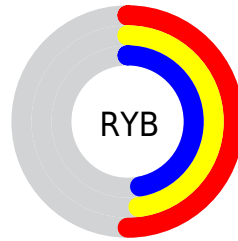
The YIQ color **122.5660, 4.2180, 0.6500** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.4340, -4.2180, -0.6500**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.8650, 4.8140, 0.8620**, and **74.2670, 3.6220, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **115.2140, 11.1410, 1.8370**, and if you desaturate by 10%, it is **129.9180, -2.7050, -0.5370**.

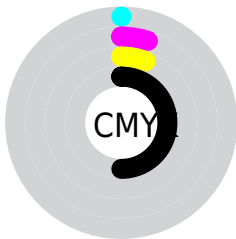
Distribution



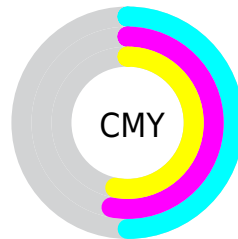
- Red (50%)
- Green (47%)
- Blue (47%)



- Red (50%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5660, 4.2180, 0.6500 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 122.5660, 4.2180, 0.6500 by changing the saturation by 10% instead.

■ 122.5660, 4.2180,
0.6500

■ 122.5660, 4.2180,
0.6500

255.0000, -0.0000,
-0.0000

■ 97.5660, 4.2180,
0.6500

■ 174.8650, 4.8140,
0.8620

■ 74.2670, 3.6220,
0.4380

■ 202.4520, 4.5390,
0.3390

■ 51.2670, 3.6220,
0.4380

■ 230.4520, 4.5390,
0.3390

■ 30.3810, 3.3010,
0.7490

■ 5.3490, 6.3270,
0.9750

■ 0.0000, 0.0000,
0.0000

■ 122.5660, 4.2180,
0.6500

■ 122.5660, 4.2180,
0.6500

■ 115.2140, 11.1410,
1.8370

■ 129.9180, -2.7050,
-0.5370

■ 108.5630, 17.4680,
2.8120

■ 136.5690, -9.0320,
-1.5120

■ 101.2110, 24.3910,
3.9990

■ 143.9210,
-15.9550, -2.6990

■ 94.4460, 31.0390,
4.6630

■ 150.6860,
-22.6030, -3.3630

■ 87.2080, 37.6410,
6.1610

■ 158.0380,
-29.5260, -4.5500

■ 80.4430, 44.2890,
6.8250

■ 164.6890,
-35.8530, -5.5250

■ 73.0910, 51.2120,
8.0120

■ 172.0410,
-42.7760, -6.7120

■ 66.3260, 57.8600,

■ 178.8060,

8.6760

-49.4240, -7.3760

■ 59.0880, 64.4620,
10.1740

■ 186.0440,
-56.0260, -8.8740

Harmonies

Analogous

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



122.7940, 3.5760, 1.2720



122.5660, 4.2180, 0.6500



122.4410, 3.0720, -0.6080

Triad

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



122.5660, 4.2180, 0.6500



121.8640, -2.6130, -2.2050



122.2710, -2.2010, 1.3430

Complementary

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



122.5660, 4.2180, 0.6500



123.4340, -4.2180, -0.6500

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.



122.2600, -3.6680, 0.3960



122.5660, 4.2180, 0.6500



121.7930, -3.8510, -1.7950

Square

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



122.5660, 4.2180, 0.6500



121.6470, -0.5040, -1.8800



121.4340, -4.2180, -0.6500



122.3530, 0.5040, 1.8800

Rectangle

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



122.5660, 4.2180, 0.6500



122.1420, 2.4760, -0.8200



121.4340, -4.2180, -0.6500



121.9720, -2.7970, 1.1310

Sweetspot

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



122.5660, 4.2180, 0.6500



163.7830, 2.1090, 0.3250



122.0760, 2.8420, 3.5620



83.1850, 0.9170, -0.0990



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



122.5660, 4.2180, 0.6500



158.5340, 7.2440, 0.8760



124.9140, 3.1180, -1.4420



60.2670, 3.6220, 0.4380



57.0560, 67.4880, 10.4000



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.4340, -4.2180, -0.6500



159.4660, -7.2440, -0.8760



121.0860, -3.1180, 1.4420



60.7330, -3.6220, -0.4380



70.9440, -67.4880, -10.4000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.5660, 4.2180, 0.6500 looks on a white background.

Color Contrast Check

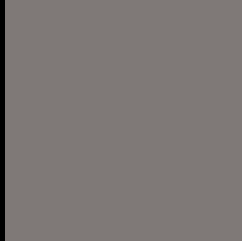
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5660, 4.2180, 0.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

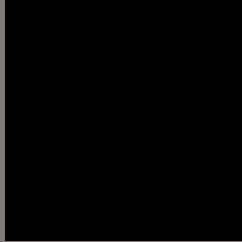
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.5660, 4.2180, 0.6500

Background



This preview shows how black text looks on a background with the YIQ color 122.5660, 4.2180, 0.6500.



This preview shows how white text looks on a background with the YIQ color 122.5660, 4.2180,

0.6500.

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

122.5660, 4.2180, 0.6500

Protanopia

122.5550, 2.7510, -0.2970

Deuteranopia

123.3110, 9.4900, 4.2260



Tritanopia

122.8310, 2.1540, 5.0180

Trichromacy



Original Color

122.5660, 4.2180, 0.6500

Protanomaly

122.8540, 3.3470, -0.0850

Deuteranomaly

123.0010, 7.4270, 3.0670

Tritanomaly

122.9620, 3.1630, 3.2510

Monochromacy



Original Color

122.5660, 4.2180, 0.6500

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.5980, 1.1920, 0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5660, 4.2180, 0.6500 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(127, 121, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 119)  
}
```

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(127, 121, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 119) }
```

Border

The CSS property to change the border of an element to YIQ 122.5660, 4.2180, 0.6500 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(127, 121, 119) }
```


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

```
.border{ border-color:rgb(127, 121, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5660, 4.2180, 0.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 119) }
```

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

```
.background{ background-color: rgb(127,  
121, 119) }
```

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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