

Converting Colors

YIQ(122.5170, 5.9140, 2.9540)

Have a look what the booklet for
YIQ(122.5170, 5.9140, 2.9540)
contains.

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Color

**YIQ(122.5170, 5.9140,
2.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	827779
RGB	130, 119, 121
RGB Percent	51%, 47%, 47%
CMY	0.4902, 0.5333, 0.5255
CMYK	0.00, 0.08, 0.07, 0.49
HSL	349°, 4%, 49%
HSV	349°, 8%, 51%
XYZ	19.2548, 19.3195, 20.8052
YIQ	122.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

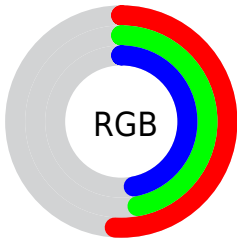
Format	Color
R_{YB}	130, 119, 121
Decimal	8550265
CIE _{Lab}	51.06, 4.61, 0.42
CIE _{LCh}	51, 4.627, 5.257
Yxy	19.3195, 0.3243, 0.3254
Android (android.graphics.Color)	4286740345 (0xFF827779)
YUV	122.5170, -0.7479, 6.5626
Hunter-Lab	43.9540, 1.2755, 2.7035

Details

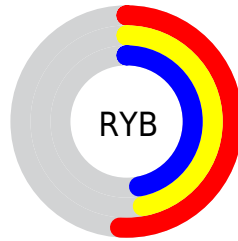
The YIQ color **122.5170, 5.9140, 2.9540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.4830, -5.9140, -2.9540**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.8160, 6.5100, 3.1660**, and **74.2180, 5.3180, 2.7420** is the 20% darker color. If you saturate the color by 10%, you get **113.6320, 13.0200, 6.3320**, and if you desaturate by 10%, it is **131.4020, -1.1920, -0.4240**.

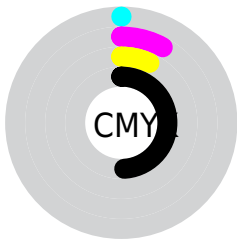
Distribution



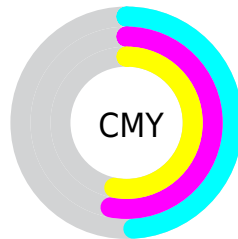
- Red (51%)
- Green (47%)
- Blue (47%)



- Red (51%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5170, 5.9140, 2.9540 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 122.5170, 5.9140, 2.9540 by changing the saturation by 10% instead.

■ 122.5170, 5.9140,
2.9540

■ 122.5170, 5.9140,
2.9540

255.0000, -0.0000,
-0.0000

■ 97.5170, 5.9140,
2.9540

■ 174.8160, 6.5100,
3.1660

■ 74.2180, 5.3180,
2.7420

■ 202.2290, 6.7850,
3.6890

■ 51.2180, 5.3180,
2.7420

■ 230.2290, 6.7850,
3.6890

■ 29.9190, 4.7220,
2.5300

■ 4.8270, 7.9770,
4.1130

■ 0.0000, 0.0000,
0.0000

■ 122.5170, 5.9140,
2.9540

■ 122.5170, 5.9140,
2.9540

■ 113.6320, 13.0200,
6.3320

■ 131.4020, -1.1920,
-0.4240

■ 104.8610, 19.8050,
10.0210

■ 140.1730, -7.9770,
-4.1130

■ 95.9760, 26.9110,
13.3990

■ 149.0580,
-15.0830, -7.4910

■ 87.0910, 34.0170,
16.7770

■ 157.9430,
-22.1890, -10.8690

■ 78.3200, 40.8020,
20.4660

■ 166.7140,
-28.9740, -14.5580

■ 69.4350, 47.9080,
23.8440

■ 175.5990,
-36.0800, -17.9360

■ 60.6640, 54.6930,
27.5330

■ 184.3700,
-42.8650, -21.6250

■ 51.7790, 61.7990,

■ 193.2550,

30.9110

-49.9710, -25.0030

■ 42.8940, 68.9050,
34.2890

■ 202.1400,
-57.0770, -28.3810

Harmonies

Analogous

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



122.3750, 3.4380, 3.7740



122.5170, 5.9140, 2.9540



122.0610, 7.1980, 1.7100

Triad

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



122.5170, 5.9140, 2.9540



121.1910, 0.7800, -3.1240



120.9930, -7.2900, -0.0420

Complementary

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



122.5170, 5.9140, 2.9540



126.4830, -5.9140, -2.9540

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.



120.6400, -7.7940, -1.9220



122.5170, 5.9140, 2.9540



120.6250, -3.4380, -3.7740

Square

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



122.5170, 5.9140, 2.9540



121.6860, 3.7600, -2.0640



120.4830, -5.9140, -2.9540



121.6020, -4.6310, 1.3290

Rectangle

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



122.5170, 5.9140, 2.9540



122.1210, 6.9690, 0.3530



120.4830, -5.9140, -2.9540



120.5800, -7.5650, -0.5650

Sweetspot

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



122.5170, 5.9140, 2.9540



164.6090, 2.6590, 1.3710



122.9450, 1.8330, 5.3290



81.8970, 1.7880, 0.6360



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.



122.5170, 5.9140, 2.9540



156.5390, 8.8480, 4.8480



124.0500, 5.7310, 0.7630



59.3210, 3.5300, 2.1060



40.8940, 68.9050, 34.2890



0.0000, 0.0000, 0.0000

Inverse Universe

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



122.5170, 5.9140, 2.9540



156.5390, 8.8480, 4.8480



124.9500, -5.7310, -0.7630



59.3210, 3.5300, 2.1060



40.8940, 68.9050, 34.2890



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.5170, 5.9140, 2.9540 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 122.5170, 5.9140, 2.9540 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 122.5170, 5.9140, 2.9540

Background



This preview shows how black text looks on a background with the YIQ color 122.5170, 5.9140, 2.9540.



This preview shows how white text looks on a background with the YIQ color 122.5170, 5.9140,

2.9540.

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

122.5170, 5.9140, 2.9540

Protanopia

122.0110, 1.4670, 0.9470

Deuteranopia

122.8270, 7.9770, 4.1130



Tritanopia

122.9130, 4.8590, 5.5550

Trichromacy



Original Color

122.5170, 5.9140, 2.9540

Protanomaly

122.0220, 2.9340, 1.8940

Deuteranomaly

122.5280, 7.3810, 3.9010

Tritanomaly

122.6850, 5.5010, 4.9330

Monochromacy



Original Color

122.5170, 5.9140, 2.9540

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5170, 5.9140, 2.9540 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(130, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 121)  
}
```

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(130, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 121) }
```

Border

The CSS property to change the border of an element to YIQ 122.5170, 5.9140, 2.9540 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(130, 119, 121) }
```


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

```
.border{ border-color:rgb(130, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5170, 5.9140, 2.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 121) }
```

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

```
.background{ background-color: rgb(130,  
119, 121) }
```

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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