

Converting Colors

YIQ(121.2850, 30.7150, 21.5550)

Have a look what the booklet for
YIQ(121.2850, 30.7150, 21.5550)
contains.

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Color

**YIQ(121.2850, 30.7150,
21.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	A4637C
RGB	164, 99, 124
RGB Percent	64%, 39%, 49%
CMY	0.3567, 0.6119, 0.5136
CMYK	0.00, 0.40, 0.24, 0.36
HSL	337°, 26%, 52%
HSV	337°, 40%, 64%
XYZ	23.4178, 18.2715, 21.3700
YIQ	121.2850, 30.7150, 21.5550

Conversions

Conversions Part 2

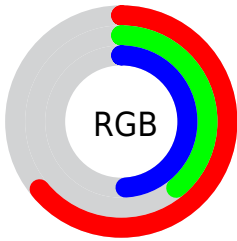
Format	Color
R_{YB}	164, 99, 124
Decimal	10773372
CIE _{Lab}	49.82, 29.73, -2.74
CIE _{LCh}	50, 29.856, 354.737
Yxy	18.2715, 0.3714, 0.2898
Android (android.graphics.Color)	4288963452 (0xFFA4637C)
YUV	121.2850, 1.3385, 37.4611
Hunter-Lab	42.7452, 22.9864, 0.2803

Details

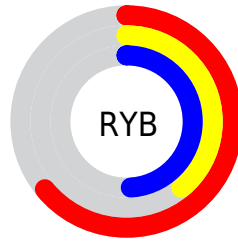
The YIQ color **121.2850, 30.7150, 21.5550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.7150, -30.7150, -21.5550**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4810, 33.0990, 22.4030**, and **70.7900, 27.7350, 20.4950** is the 20% darker color. If you saturate the color by 10%, you get **110.7530, 38.3250, 26.8130**, and if you desaturate by 10%, it is **131.8170, 23.1050, 16.2970**.

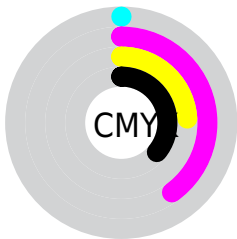
Distribution



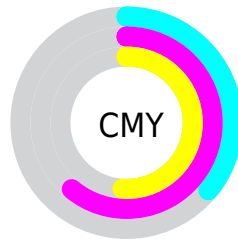
- Red (64%)
- Green (39%)
- Blue (49%)



- Red (64%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2850, 30.7150, 21.5550 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 121.2850, 30.7150, 21.5550 by changing the saturation by 10% instead.

121.2850, 30.7150,
21.5550

121.2850, 30.7150,
21.5550

255.0000, -0.0000,
-0.0000

95.6870, 29.5230,
21.1310

174.4810, 33.0990,
22.4030

70.7900, 27.7350,
20.4950

202.1930, 33.9700,
23.1380

47.3060, 26.2220,
20.3820

223.6150, 20.8580,
18.4740

22.7620, 24.9380,
21.6260

242.6730, 5.7750,
10.9830

13.0570, 22.1890,
10.8690

0.0000, 0.0000,
0.0000

121.2850, 30.7150,
21.5550

121.2850, 30.7150,
21.5550

110.7530, 38.3250,
26.8130

131.8170, 23.1050,
16.2970

99.6340, 46.2100,
32.5940

142.9360, 15.2200,
10.5160

89.1020, 53.8200,
37.8520

153.4680, 7.6100,
5.2580

77.9830, 61.7050,
43.6330

164.5870, -0.2750,
-0.5230

67.4510, 69.3150,
48.8910

175.1190, -7.8850,
-5.7810

56.8050, 77.2460,
53.8380


185.7650,
-15.8160, -10.7280

56.2180, 77.5210,
54.3610

196.8840,
-23.7010, -16.5090

207.4160,

-31.3110, -21.7670

 218.5350,
-39.1960, -27.5480

Harmonies

Analogous

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



122.1610, 10.6330, 22.0650



121.2850, 30.7150, 21.5550



120.2180, 40.8490, 14.1050

Triad

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



121.2850, 30.7150, 21.5550



114.3810, 11.3280, -18.0800



100.1280, -73.9980, -13.5660

Complementary

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



121.2850, 30.7150, 21.5550



141.7150, -30.7150, -21.5550

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.



93.3300, -80.9190, -25.8070



121.2850, 30.7150, 21.5550



110.8710, -13.6590, -22.2910

Square

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



121.2850, 30.7150, 21.5550



116.8180, 29.3910, -9.5290



105.0170, -43.3690, -23.5050



112.7070, -44.2910, 4.2290

Rectangle

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



121.2850, 30.7150, 21.5550



119.3610, 41.5840, 6.2880



105.0170, -43.3690, -23.5050



93.7520, -84.8630, -20.4070

Sweetspot

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



121.2850, 30.7150, 21.5550



196.9140, 12.2860, 8.6220



118.0710, 2.3790, 28.4830



97.1690, 7.0140, 5.0460



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



121.2850, 30.7150, 21.5550



146.3570, 48.5480, 34.2760



121.9570, 37.0900, 10.6420



76.1470, 4.0800, 3.1520



49.7390, 68.4440, 48.1560



6.1800, 8.4810, 5.9930

Inverse Universe

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



121.2850, 30.7150, 21.5550



146.3570, 48.5480, 34.2760



141.0430, -37.0900, -10.6420



76.1470, 4.0800, 3.1520



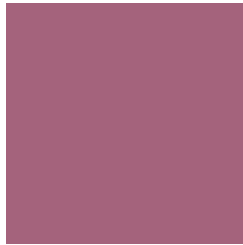
49.7390, 68.4440, 48.1560



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 121.2850, 30.7150, 21.5550 looks on a white background.

Color Contrast Check

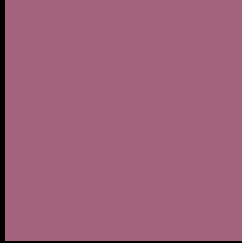
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.2850, 30.7150, 21.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

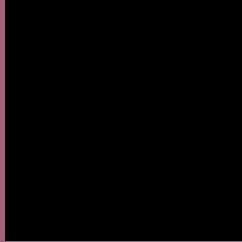
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2850, 30.7150, 21.5550

Background



This preview shows how black text looks on a background with the YIQ color 121.2850, 30.7150, 21.5550.



This preview shows how white text looks on a background with the YIQ color 121.2850, 30.7150,

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

121.2850, 30.7150, 21.5550

Protanopia

119.4540, -6.9700, 5.1740

Deuteranopia

119.8700, 6.4180, 4.8340



Tritanopia

121.0370, 34.1090, 15.1090

Trichromacy



Original Color

121.2850, 30.7150, 21.5550

Protanomaly

119.9720, 6.3710, 11.1950

Deuteranomaly

120.3490, 15.4950, 11.0390

Tritanomaly

121.0200, 32.7790, 17.1870

Monochromacy



Original Color

121.2850, 30.7150, 21.5550

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.2020, 11.4150, 7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2850, 30.7150, 21.5550 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(164, 99, 124)` looks like.

```
.text, #text, p{  
    color:rgb(164, 99, 124)  
}
```

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(164, 99, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 99, 124) }
```

Border

The CSS property to change the border of an element to YIQ 121.2850, 30.7150, 21.5550 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(164, 99, 124) }
```


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

```
.border{ border-color:rgb(164, 99, 124) }
```

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

Here you see how a box with a 4 pixel rgb(164, 99, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 99, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 99, 124);  
box-shadow:4px 4px 4px 4px rgb(164, 99,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2850, 30.7150, 21.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 99, 124) }
```

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

```
.background{ background-color: rgb(164, 99,  
124) }
```

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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