

Converting Colors

YIQ(120.6870, 29.5230, 21.1310)

Have a look what the booklet for
YIQ(120.6870, 29.5230, 21.1310)
contains.

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Color

**YIQ(120.6870, 29.5230,
21.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	A2637C
RGB	162, 99, 124
RGB Percent	64%, 39%, 49%
CMY	0.3645, 0.6119, 0.5136
CMYK	0.00, 0.39, 0.23, 0.36
HSL	336°, 25%, 51%
HSV	336°, 39%, 64%
XYZ	23.0079, 18.0603, 21.3504
YIQ	120.6870, 29.5230, 21.1310

Conversions

Conversions Part 2

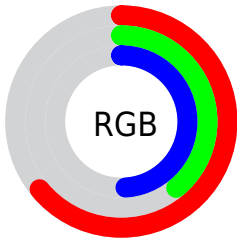
Format	Color
RYB	162, 99, 124
Decimal	10642300
CIELab	49.57, 28.99, -3.14
CIELCh	50, 29.157, 353.813
Yxy	18.0603, 0.3686, 0.2893
Android (android.graphics.Color)	4288832380 (0xFFA2637C)
YUV	120.6870, 1.6333, 36.2315
Hunter-Lab	42.4975, 22.2683, -0.0386

Details

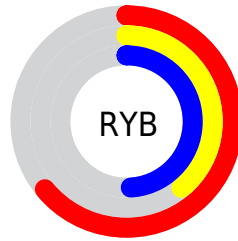
The YIQ color **120.6870, 29.5230, 21.1310** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.3130, -29.5230, -21.1310**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8830, 31.9070, 21.9790**, and **70.4910, 27.1390, 20.2830** is the 20% darker color. If you saturate the color by 10%, you get **110.1550, 37.1330, 26.3890**, and if you desaturate by 10%, it is **131.2190, 21.9130, 15.8730**.

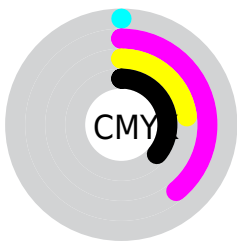
Distribution



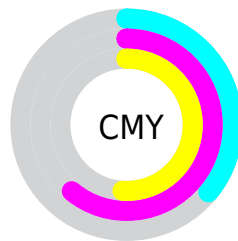
- Red (64%)
- Green (39%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6870, 29.5230, 21.1310 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 120.6870, 29.5230, 21.1310 by changing the saturation by 10% instead.

120.6870, 29.5230,
21.1310

120.6870, 29.5230,
21.1310

255.0000, -0.0000,
-0.0000

95.0890, 28.3310,
20.7070

173.9970, 31.5860,
22.2900

70.4910, 27.1390,
20.2830

201.5950, 32.7780,
22.7140

46.7080, 25.0300,
19.9580

223.6150, 20.8580,
18.4740

22.7510, 23.4710,
20.6790

242.6730, 5.7750,
10.9830

12.4590, 20.9970,
10.4450

0.0000, 0.0000,
0.0000

120.6870, 29.5230,
21.1310

120.6870, 29.5230,
21.1310

110.1550, 37.1330,
26.3890

131.2190, 21.9130,
15.8730

99.6230, 44.7430,
31.6470

141.7510, 14.3030,
10.6150

88.6180, 52.3070,
37.7390

152.7560, 6.7390,
4.5230

78.0860, 59.9170,
42.9970

163.2880, -0.8710,
-0.7350

67.5540, 67.5270,
48.2550

173.8200, -8.4810,
-5.9930

57.0220, 75.1370,
53.5130


184.3520,
-16.0910, -11.2510

55.7340, 76.0080,
54.2480

194.7700,
-23.3800, -16.8200

205.8890,

-31.2650, -22.6010

 216.4210,
-38.8750, -27.8590

Harmonies

Analogous

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



120.8620, 10.0370, 21.8530



120.6870, 29.5230, 21.1310



119.6200, 39.6570, 13.6810

Triad

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



120.6870, 29.5230, 21.1310



113.9080, 11.2820, -17.2460



100.8080, -70.1010, -12.6050

Complementary

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



120.6870, 29.5230, 21.1310



140.3130, -29.5230, -21.1310

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.



96.1030, -72.8500, -23.3620



120.6870, 29.5230, 21.1310



110.5830, -12.7880, -21.5560

Square

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



120.6870, 29.5230, 21.1310



116.8180, 29.3910, -9.5290



105.2130, -40.9850, -22.6570



112.4790, -43.6490, 3.6070

Rectangle

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



120.6870, 29.5230, 21.1310



118.2900, 40.3460, 6.6980



105.2130, -40.9850, -22.6570



95.9270, -77.9860, -18.3860

Sweetspot

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



120.6870, 29.5230, 21.1310



194.9140, 12.2860, 8.6220



117.5440, 2.4250, 27.6490



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.



120.6870, 29.5230, 21.1310



146.4600, 46.7600, 33.6400



121.3590, 35.8980, 10.2180



76.1470, 4.0800, 3.1520



49.9670, 67.8020, 48.7780



6.1800, 8.4810, 5.9930

Inverse Universe

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



120.6870, 29.5230, 21.1310



146.4600, 46.7600, 33.6400



139.6410, -35.8980, -10.2180



76.1470, 4.0800, 3.1520



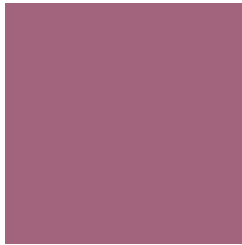
49.9670, 67.8020, 48.7780



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 120.6870, 29.5230, 21.1310 looks on a white background.

Color Contrast Check

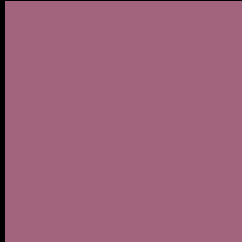
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6870, 29.5230, 21.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

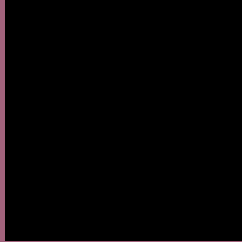
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6870, 29.5230, 21.1310

Background



This preview shows how black text looks on a background with the YIQ color 120.6870, 29.5230, 21.1310.



This preview shows how white text looks on a background with the YIQ color 120.6870, 29.5230,

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

120.6870, 29.5230, 21.1310

Protanopia

118.4540, -6.9700, 5.1740

Deuteranopia

119.5710, 5.8220, 4.6220



Tritanopia

120.4390, 32.9170, 14.6850

Trichromacy



Original Color

120.6870, 29.5230, 21.1310

Protanomaly

118.9720, 6.3710, 11.1950

Deuteranomaly

119.7510, 14.3030, 10.6150

Tritanomaly

120.4220, 31.5870, 16.7630

Monochromacy



Original Color

120.6870, 29.5230, 21.1310

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6870, 29.5230, 21.1310 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(162, 99, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 99, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 124) }
```

Border

The CSS property to change the border of an element to YIQ 120.6870, 29.5230, 21.1310 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(162, 99, 124) }
```


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

```
.border{ border-color:rgb(162, 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(162, 99, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 99, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 99, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 99,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6870, 29.5230, 21.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 124) }
```

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

```
.background{ background-color: rgb(162, 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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