

Converting Colors

YIQ(122.8070, 29.0650, 18.4170)

Have a look what the booklet for
YIQ(122.8070, 29.0650, 18.4170)
contains.

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Color

**YIQ(122.8070, 29.0650,
18.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	A2677A
RGB	162, 103, 122
RGB Percent	64%, 40%, 48%
CMY	0.3646, 0.5962, 0.5215
CMYK	0.00, 0.36, 0.25, 0.36
HSL	341°, 24%, 52%
HSV	341°, 36%, 64%
XYZ	23.2704, 18.7868, 20.8204
YIQ	122.8070, 29.0650, 18.4170

Conversions

Conversions Part 2

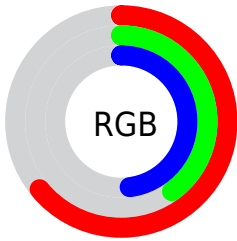
Format	Color
R_{YB}	162, 103, 122
Decimal	10643322
CIE _{Lab}	50.44, 26.43, -0.68
CIE _{LCh}	50, 26.437, 358.533
Yxy	18.7868, 0.3701, 0.2988
Android (android.graphics.Color)	4288833402 (0xFFA2677A)
YUV	122.8070, -0.3979, 34.3723
Hunter-Lab	43.3437, 19.9816, 1.8603

Details

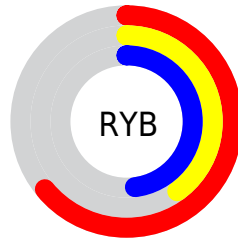
The YIQ color **122.8070, 29.0650, 18.4170** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.1930, -29.0650, -18.4170**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0030, 31.4490, 19.2650**, and **73.1980, 26.4060, 17.0460** is the 20% darker color. If you saturate the color by 10%, you get **112.1610, 36.9960, 23.3640**, and if you desaturate by 10%, it is **133.4530, 21.1340, 13.4700**.

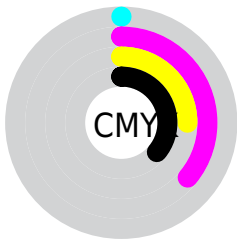
Distribution



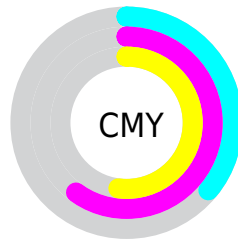
- Red (64%)
- Green (40%)
- Blue (48%)



- Red (64%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8070, 29.0650, 18.4170 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 122.8070, 29.0650, 18.4170 by changing the saturation by 10% instead.

■ 122.8070, 29.0650,
18.4170

■ 122.8070, 29.0650,
18.4170

■ 255.0000, -0.0000,
-0.0000

■ 97.2090, 27.8730,
17.9930

■ 176.0030, 31.4490,
19.2650

■ 73.3120, 26.0850,
17.3570

■ 203.7150, 32.3200,
20.0000

■ 49.4150, 24.2970,
16.7210

■ 225.7350, 20.4000,
15.7600

■ 25.7570, 23.3340,
17.6540

■ 245.0210, 4.6750,
8.8910

■ 12.4160, 22.5560,
9.7240

■ 0.0000, 0.0000,
0.0000

122.8070, 29.0650,
18.4170

122.8070, 29.0650,
18.4170

112.1610, 36.9960,
23.3640

133.4530, 21.1340,
13.4700

101.5150, 44.9270,
28.3110

144.0990, 13.2030,
8.5230

90.2820, 53.1330,
33.7810

155.3320, 4.9970,
3.0530

79.6360, 61.0640,
38.7280

165.9780, -2.9340,
-1.8940

68.9900, 68.9950,
43.6750

176.6240,
-10.8650, -6.8410

58.3440, 76.9260,
48.6220


187.2700,
-18.7960, -11.7880

54.3660, 79.8600,
50.5160

197.9160,
-26.7270, -16.7350

209.1490,

-34.9330, -22.2050

 219.7950,
-42.8640, -27.1520

Harmonies

Analogous

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



123.4770, 12.5590, 20.1990



122.8070, 29.0650, 18.4170



121.4840, 37.0440, 11.4760

Triad

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



122.8070, 29.0650, 18.4170



116.2820, 7.2930, -16.5390



109.5820, -54.6050, -7.0930

Complementary

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



122.8070, 29.0650, 18.4170



142.1930, -29.0650, -18.4170

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.



105.2190, -58.3170, -16.9170



122.8070, 29.0650, 18.4170



113.2670, -14.7140, -19.6900

Square

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



122.8070, 29.0650, 18.4170



118.4800, 24.5310, -9.5570



108.5770, -39.0140, -19.8300



117.0240, -34.9380, 5.4300

Rectangle

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



122.8070, 29.0650, 18.4170



120.8550, 37.1370, 4.2810



108.5770, -39.0140, -19.8300



106.9080, -58.6390, -11.0790

Sweetspot

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



122.8070, 29.0650, 18.4170



196.0880, 11.7360, 7.5760



121.3870, 4.3050, 26.6170



97.7560, 6.7390, 4.5230



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.



122.8070, 29.0650, 18.4170



150.2270, 45.7980, 29.0460



126.5110, 32.4140, 7.2780



76.0330, 4.4010, 2.8410



48.7130, 71.3330, 45.3570



6.0660, 8.8020, 5.6820

Inverse Universe

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



122.8070, 29.0650, 18.4170



150.2270, 45.7980, 29.0460



138.4890, -32.4140, -7.2780



76.0330, 4.4010, 2.8410



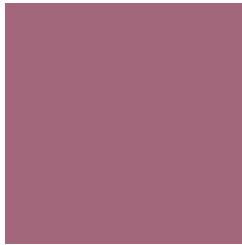
48.7130, 71.3330, 45.3570



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 122.8070, 29.0650, 18.4170 looks on a white background.

Color Contrast Check

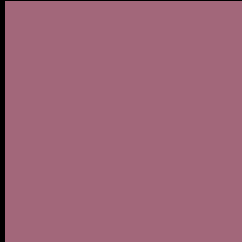
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8070, 29.0650, 18.4170 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 122.8070, 29.0650, 18.4170

Background



This preview shows how black text looks on a background with the YIQ color 122.8070, 29.0650, 18.4170.



This preview shows how white text looks on a background with the YIQ color 122.8070, 29.0650,

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

122.8070, 29.0650, 18.4170

Protanopia

121.0690, -4.4480, 3.5200

Deuteranopia

121.8270, 7.9770, 4.1130



Tritanopia

122.6560, 30.8080, 14.3600

Trichromacy



Original Color

122.8070, 29.0650, 18.4170

Protanomaly

121.8750, 8.0220, 8.8060

Deuteranomaly

122.2950, 15.5870, 9.3710

Tritanomaly

122.4110, 30.1200, 15.8160

Monochromacy



Original Color

122.8070, 29.0650, 18.4170

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0770, 10.2690, 6.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8070, 29.0650, 18.4170 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, 103, 122)` looks like.

```
.text, #text, p{  
    color:rgb(162, 103, 122)  
}
```

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, 103, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 103, 122) }
```

Border

The CSS property to change the border of an element to YIQ 122.8070, 29.0650, 18.4170 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, 103, 122) }
```


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

```
.border{ border-color:rgb(162, 103, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 103, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 103, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 103, 122);  
box-shadow:4px 4px 4px 4px rgb(162, 103,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8070, 29.0650, 18.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 103, 122) }
```

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

```
.background{ background-color: rgb(162,  
103, 122) }
```

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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