

Converting Colors

YIQ(129.3570, 30.2120, 14.1480)

Have a look what the booklet for
YIQ(129.3570, 30.2120, 14.1480)
contains.

YIQ(129.3570, 30.2120, 14.1480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.3570, 30.2120,
14.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	A77078
RGB	167, 112, 120
RGB Percent	65%, 44%, 47%
CMY	0.3450, 0.5609, 0.5293
CMYK	0.00, 0.33, 0.28, 0.34
HSL	351°, 24%, 55%
HSV	351°, 33%, 66%
XYZ	25.1272, 21.1593, 20.5383
YIQ	129.3570, 30.2120, 14.1480

Conversions

Conversions Part 2

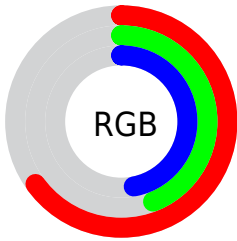
Format	Color
R_{YB}	167, 112, 120
Decimal	10973304
CIE _{Lab}	53.12, 22.96, 4.48
CIE _{LCh}	53, 23.389, 11.038
Yxy	21.1593, 0.3760, 0.3166
Android (android.graphics.Color)	4289163384 (0xFFA77078)
YUV	129.3570, -4.6130, 33.0129
Hunter-Lab	45.9992, 17.0076, 5.7269

Details

The YIQ color **129.3570, 30.2120, 14.1480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.6430, -30.2120, -14.1480**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5530, 32.5960, 14.9960**, and **78.9760, 26.9110, 13.3990** is the 20% darker color. If you saturate the color by 10%, you get **117.7820, 39.3810, 18.6850**, and if you desaturate by 10%, it is **140.9320, 21.0430, 9.6110**.

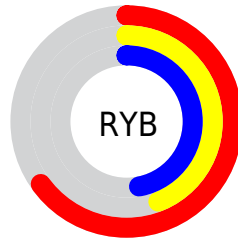
Distribution



Red (65%)

Green (44%)

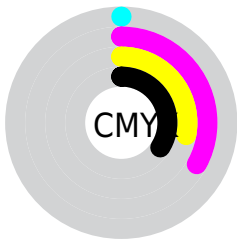
Blue (47%)



Red (65%)

Yellow (44%)

Blue (47%)

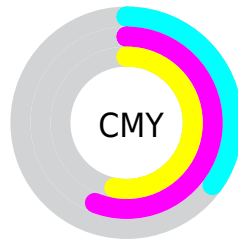


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (34%)



Cyan (35%)

Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.3570, 30.2120, 14.1480 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 129.3570, 30.2120, 14.1480 by changing the saturation by 10% instead.


 129.3570, 30.2120,
14.1480


 129.3570, 30.2120,
14.1480


255.0000, -0.0000,
-0.0000


 103.7590, 29.0200,
13.7240


 182.5530, 32.5960,
14.9960


 79.2750, 27.5070,
13.6110


 210.8520, 33.1920,
15.2080

 55.3780, 25.7190,
12.9750

 231.3770, 18.2920,
9.9080

 32.5950, 23.6100,
12.6500

 250.8910, 1.9250,
3.6610

 12.7860, 24.3900,
9.5260

 0.0000, 0.0000,
0.0000

■ 129.3570, 30.2120,
14.1480

■ 129.3570, 30.2120,
14.1480

■ 117.7820, 39.3810,
18.6850

■ 140.9320, 21.0430,
9.6110

■ 106.7940, 48.2750,
22.6990

■ 152.0340, 11.8280,
5.9080

■ 95.1050, 57.7650,
26.9250

■ 163.6090, 2.6590,
1.3710

■ 83.5300, 66.9340,
31.4620

■ 175.1840, -6.5100,
-3.1660

■ 71.9550, 76.1030,
35.9990

■ 186.1720,
-15.4040, -7.1800

■ 60.8530, 85.3180,
39.7020


■ 197.8610,
-24.8940, -11.4060

■ 52.6690, 91.8280,
42.8680

■ 209.4360,
-34.0630, -15.9430

■ 221.0110,

-43.2320, -20.4800

 227.8900,
-50.2010, -20.8330

Harmonies

Analogous

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



130.4190, 18.4740, 17.6260



129.3570, 30.2120, 14.1480



128.0550, 33.6980, 6.0340

Triad

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



129.3570, 30.2120, 14.1480



122.7910, -1.5100, -16.6940



120.9970, -39.4760, -0.4360

Complementary

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



129.3570, 30.2120, 14.1480



149.6430, -30.2120, -14.1480

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.



117.2960, -48.0480, -10.2880



129.3570, 30.2120, 14.1480



119.6130, -21.5000, -17.8520

Square

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



129.3570, 30.2120, 14.1480



125.1200, 16.7370, -11.4790



116.9130, -39.8400, -15.8720



126.3740, -21.1840, 9.4720

Rectangle

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



129.3570, 30.2120, 14.1480



127.2840, 31.3150, -0.3410



116.9130, -39.8400, -15.8720



119.4370, -43.8310, -4.1110

Sweetspot

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



129.3570, 30.2120, 14.1480



201.9200, 12.1490, 5.5970



132.3230, 10.3570, 27.0690



100.4140, 7.7020, 3.5900



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.3570, 30.2120, 14.1480



157.4950, 47.6790, 22.4870



139.5980, 27.5550, 1.7230



78.5060, 4.4470, 2.0070



46.7600, 81.1460, 38.2180



6.3220, 10.9570, 5.1730

Inverse Universe

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



129.3570, 30.2120, 14.1480



157.4950, 47.6790, 22.4870



139.4020, -27.5550, -1.7230



78.5060, 4.4470, 2.0070



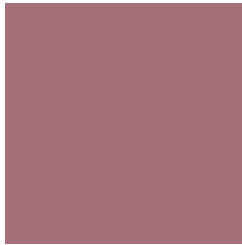
46.7600, 81.1460, 38.2180



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 129.3570, 30.2120, 14.1480 looks on a white background.

Color Contrast Check

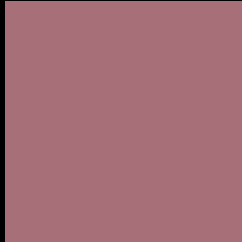
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3570, 30.2120, 14.1480 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 129.3570, 30.2120, 14.1480

Background



This preview shows how black text looks on a background with the YIQ color 129.3570, 30.2120, 14.1480.



This preview shows how white text looks on a background with the YIQ color 129.3570, 30.2120,

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

129.3570, 30.2120, 14.1480

Protanopia

127.7120, 0.8710, 0.7350

Deuteranopia

128.4100, 13.5250, 2.6850



Tritanopia

129.3570, 30.2120, 14.1480

Trichromacy



Original Color

129.3570, 30.2120, 14.1480

Protanomaly

128.6210, 11.5530, 5.3850

Deuteranomaly

128.8670, 19.6680, 6.9960

Tritanomaly

129.3570, 30.2120, 14.1480

Monochromacy



Original Color

129.3570, 30.2120, 14.1480

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3220, 10.9570, 5.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3570, 30.2120, 14.1480 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(167, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(167, 112, 120)  
}
```

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(167, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 112, 120) }
```

Border

The CSS property to change the border of an element to YIQ 129.3570, 30.2120, 14.1480 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(167, 112, 120) }
```


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

```
.border{ border-color:rgb(167, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(167, 112,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3570, 30.2120, 14.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 112, 120) }
```

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

```
.background{ background-color: rgb(167,  
112, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor