

Converting Colors

YIQ(123.5280, 42.9120, 15.2640)

Have a look what the booklet for
YIQ(123.5280, 42.9120, 15.2640)
contains.

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Color

**YIQ(123.5280, 42.9120,
15.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6666
RGB	174, 102, 102
RGB Percent	68%, 40%, 40%
CMY	0.3175, 0.6001, 0.5998
CMYK	0.00, 0.41, 0.41, 0.32
HSL	360°, 31%, 54%
HSV	360°, 41%, 68%
XYZ	24.6141, 19.4607, 15.0406
YIQ	123.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

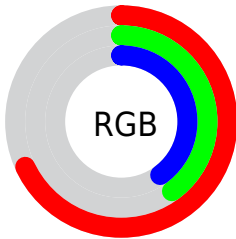
Format	Color
R_{YB}	174, 102, 102
Decimal	11429478
CIE Lab	51.22, 28.95, 12.51
CIE LCh	51, 31.541, 23.373
Yxy	19.4607, 0.4164, 0.3292
Android (android.graphics.Color)	4289619558 (0xFFAE6666)
YUV	123.5280, -10.6133, 44.2639
Hunter-Lab	44.1142, 22.3965, 10.6652

Details

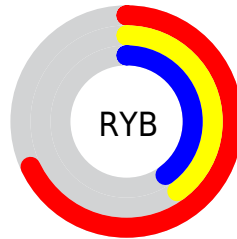
The YIQ color **123.5280, 42.9120, 15.2640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.4720, -42.9120, -15.2640**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.2080, 46.8090, 16.2250**, and **72.9620, 38.6940, 14.6140** is the 20% darker color. If you saturate the color by 10%, you get **111.6110, 53.0440, 18.8680**, and if you desaturate by 10%, it is **135.4450, 32.7800, 11.6600**.

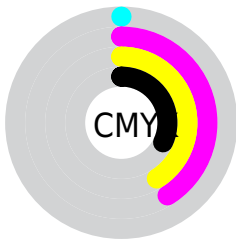
Distribution



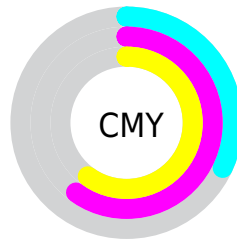
- Red (68%)
- Green (40%)
- Blue (40%)



- Red (68%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (32%)




- Cyan (32%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.5280, 42.9120, 15.2640 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 123.5280, 42.9120, 15.2640 by changing the saturation by 10% instead.


 123.5280, 42.9120,
15.2640


 123.5280, 42.9120,
15.2640


255.0000, -0.0000,
-0.0000


 97.7450, 40.8030,
14.9390


 177.2080, 46.8090,
16.2250


 72.9620, 38.6940,
14.6140


 203.0120, 44.4250,
15.3770

 48.9940, 35.6680,
14.3880

 222.5260, 28.0580,
9.1300

 24.0370, 34.1090,
15.1090

 242.7410, 11.0950,
2.6710

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,
0.0000

123.5280, 42.9120,
15.2640

123.5280, 42.9120,
15.2640

111.6110, 53.0440,
18.8680

135.4450, 32.7800,
11.6600

98.9930, 63.7720,
22.6840

148.0630, 22.0520,
7.8440

87.0760, 73.9040,
26.2880

159.9800, 11.9200,
4.2400

74.4580, 84.6320,
30.1040

172.5980, 1.1920,
0.4240

62.5410, 94.7640,
33.7080

184.5150, -8.9400,
-3.1800


52.0260, 103.7040,
36.8880

196.4320,
-19.0720, -6.7840

209.0500,
-29.8000, -10.6000

220.9670,

-39.9320, -14.2040

 230.7810,
-48.2760, -17.1720

Harmonies

Analogous

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



124.8230, 32.1360, 23.3360



123.5280, 42.9120, 15.2640



122.4380, 42.6850, 2.8530

Triad

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



123.5280, 42.9120, 15.2640



114.2300, -13.2920, -23.4360



115.4290, -49.3800, 2.8440

Complementary

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



123.5280, 42.9120, 15.2640



152.4720, -42.9120, -15.2640

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.



96.8810, -89.5400, -18.2440



123.5280, 42.9120, 15.2640



107.2940, -45.7070, -25.1870

Square

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



123.5280, 42.9120, 15.2640



117.9250, 12.6120, -19.3240



96.0200, -82.9820, -26.9660



122.8570, -17.9300, 16.5820

Rectangle

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



123.5280, 42.9120, 15.2640



120.9330, 36.4970, -6.1510



96.0200, -82.9820, -26.9660



110.9930, -60.0160, -2.6400

Sweetspot

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



123.5280, 42.9120, 15.2640



208.0730, 16.0920, 5.7240



131.4370, 19.2040, 37.4440



103.7840, 9.5360, 3.3920



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



123.5280, 42.9120, 15.2640



147.2000, 67.6230, 24.4790



144.0730, 33.2870, -3.0410



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Inverse Universe

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



123.5280, 42.9120, 15.2640



147.2000, 67.6230, 24.4790



131.9270, -33.2870, 3.0410



80.6910, 5.3640, 1.9080



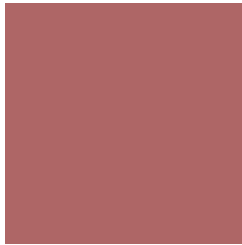
44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 123.5280, 42.9120, 15.2640 looks on a white background.

Color Contrast Check

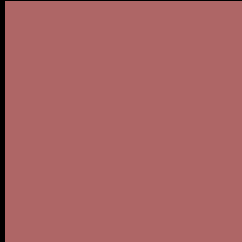
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5280, 42.9120, 15.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

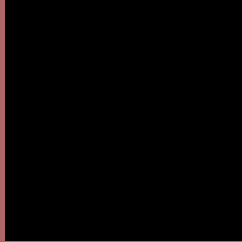
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.5280, 42.9120, 15.2640

Background



This preview shows how black text looks on a background with the YIQ color 123.5280, 42.9120, 15.2640.



This preview shows how white text looks on a background with the YIQ color 123.5280, 42.9120,

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

123.5280, 42.9120, 15.2640

Protanopia

122.3550, 6.1900, -2.0500

Deuteranopia

123.0100, 20.4030, -0.8210



Tritanopia

123.9240, 41.8570, 17.8650

Trichromacy



Original Color

123.5280, 42.9120, 15.2640

Protanomaly

122.8730, 19.5310, 3.9710

Deuteranomaly

123.1900, 28.8840, 5.1720

Tritanomaly

123.6960, 42.4990, 17.2430

Monochromacy



Original Color

123.5280, 42.9120, 15.2640

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.7740, 15.4960, 5.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5280, 42.9120, 15.2640 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(174, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(174, 102, 102)  
}
```

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(174, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 102, 102) }
```

Border

The CSS property to change the border of an element to YIQ 123.5280, 42.9120, 15.2640 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(174, 102, 102) }
```


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

```
.border{ border-color:rgb(174, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(174, 102,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5280, 42.9120, 15.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 102, 102) }
```

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

```
.background{ background-color: rgb(174,  
102, 102) }
```

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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