

Converting Colors

YIQ(122.1580, 41.0780, 15.4620)

Have a look what the booklet for
YIQ(122.1580, 41.0780, 15.4620)
contains.

YIQ(122.1580, 41.0780, 15.4620)	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(122.1580, 41.0780,
15.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6567
RGB	171, 101, 103
RGB Percent	67%, 40%, 40%
CMY	0.3292, 0.6040, 0.5959
CMYK	0.00, 0.41, 0.40, 0.33
HSL	358°, 29%, 53%
HSV	358°, 41%, 67%
XYZ	23.9050, 18.9445, 15.2395
YIQ	122.1580, 41.0780, 15.4620

Conversions

Conversions Part 2

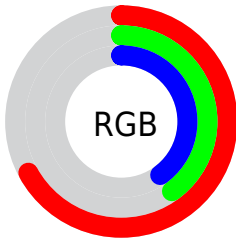
Format	Color
R_{YB}	171, 101, 103
Decimal	11232615
CIE Lab	50.62, 28.45, 11.03
CIE LCh	51, 30.509, 21.185
Yxy	18.9445, 0.4115, 0.3261
Android (android.graphics.Color)	4289422695 (0xFFAB6567)
YUV	122.1580, -9.4449, 42.8344
Hunter-Lab	43.5253, 21.8667, 9.7084

Details

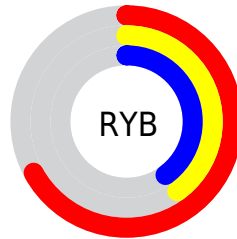
The YIQ color **122.1580, 41.0780, 15.4620** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.8420, -41.0780, -15.4620**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.5390, 44.3790, 16.2110**, and **71.5920, 36.8600, 14.8120** is the 20% darker color. If you saturate the color by 10%, you get **110.2410, 51.2100, 19.0660**, and if you desaturate by 10%, it is **134.0750, 30.9460, 11.8580**.

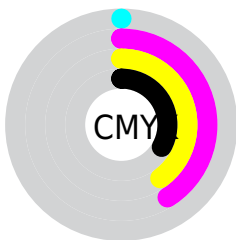
Distribution



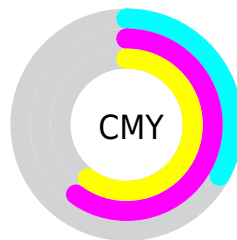
- Red (67%)
- Green (40%)
- Blue (40%)



- Red (67%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.1580, 41.0780, 15.4620 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 122.1580, 41.0780, 15.4620 by changing the saturation by 10% instead.

122.1580, 41.0780,
15.4620

122.1580, 41.0780,
15.4620

255.0000, -0.0000,
-0.0000

96.3750, 38.9690,
15.1370

175.5390, 44.3790,
16.2110

71.5920, 36.8600,
14.8120

202.5390, 44.3790,
16.2110

47.9230, 34.4300,
14.7980

222.0530, 28.0120,
9.9640

22.9660, 32.8710,
15.5190

241.7950, 11.0030,
4.3390

12.6720, 24.7110,
9.2150

0.0000, 0.0000,
0.0000

122.1580, 41.0780,
15.4620

122.1580, 41.0780,
15.4620

110.2410, 51.2100,
19.0660

134.0750, 30.9460,
11.8580

98.4380, 61.0210,
22.9810

145.8780, 21.1350,
7.9430

86.5210, 71.1530,
26.5850

157.7950, 11.0030,
4.3390

74.7180, 80.9640,
30.5000

169.5980, 1.1920,
0.4240

62.2140, 91.3710,
34.6270

181.5150, -8.9400,
-3.1800


51.6990, 100.3110,
37.8070

194.0190,
-19.3470, -7.3070

205.8220,
-29.1580, -11.2220

217.7390,

-39.2900, -14.8260

 229.5420,
-49.1010, -18.7410

Harmonies

Analogous

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



123.6270, 29.7520, 22.4880



122.1580, 41.0780, 15.4620



120.7800, 41.7220, 3.7860

Triad

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



122.1580, 41.0780, 15.4620



113.4260, -10.9080, -22.5880



113.2010, -48.7380, 2.2220

Complementary

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



122.1580, 41.0780, 15.4620



149.8420, -41.0780, -15.4620

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.



97.5290, -82.6170, -17.0570



122.1580, 41.0780, 15.4620



107.5720, -40.6180, -23.8020

Square

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



122.1580, 41.0780, 15.4620



117.0500, 13.7580, -18.0660



94.3900, -81.1480, -27.1640



121.4330, -19.6720, 15.1120

Rectangle

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



122.1580, 41.0780, 15.4620



119.6880, 35.8090, -4.6950



94.3900, -81.1480, -27.1640



109.6510, -59.0530, -3.5730

Sweetspot

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



122.1580, 41.0780, 15.4620



203.1870, 15.7710, 6.0350



129.3120, 18.0580, 36.1860



100.8980, 9.2150, 3.7030



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



122.1580, 41.0780, 15.4620



145.9330, 64.0010, 24.0410



141.3010, 32.6450, -2.4190



80.6910, 5.3640, 1.9080



45.3060, 88.1160, 33.0440



6.9910, 13.3870, 5.1870

Inverse Universe

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



122.1580, 41.0780, 15.4620



145.9330, 64.0010, 24.0410



130.6990, -32.6450, 2.4190



80.6910, 5.3640, 1.9080



45.3060, 88.1160, 33.0440



6.9910, 13.3870, 5.1870

Previews

White Background



This preview shows how the YIQ color 122.1580, 41.0780, 15.4620 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 122.1580, 41.0780, 15.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

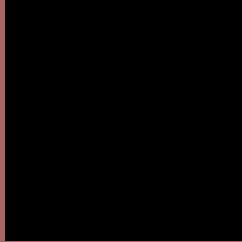
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.1580, 41.0780, 15.4620

Background



This preview shows how black text looks on a background with the YIQ color 122.1580, 41.0780, 15.4620.



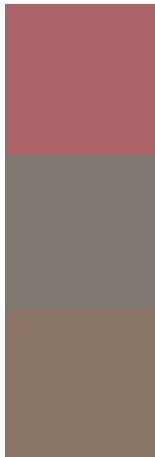
This preview shows how white text looks on a background with the YIQ color 122.1580, 41.0780,

15.4620.

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

122.1580, 41.0780, 15.4620

Protanopia

121.2840, 4.9520, -1.6400

Deuteranopia

121.3520, 19.4400, 0.1120



Tritanopia

122.1410, 39.7480, 17.5400

Trichromacy



Original Color

122.1580, 41.0780, 15.4620

Protanomaly

121.8020, 18.2930, 4.3810

Deuteranomaly

121.8200, 27.0500, 5.3700

Tritanomaly

121.9130, 40.3900, 16.9180

Monochromacy



Original Color

122.1580, 41.0780, 15.4620

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8880, 15.1750, 5.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.1580, 41.0780, 15.4620 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(171, 101, 103)` looks like.

```
.text, #text, p{  
    color:rgb(171, 101, 103)  
}
```

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(171, 101, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 101, 103) }
```

Border

The CSS property to change the border of an element to YIQ 122.1580, 41.0780, 15.4620 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(171, 101, 103) }
```


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

```
.border{ border-color:rgb(171, 101, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 101, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 101, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 101, 103);  
box-shadow:4px 4px 4px 4px rgb(171, 101,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 122.1580, 41.0780, 15.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 101, 103) }
```

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

```
.background{ background-color: rgb(171,  
101, 103) }
```

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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