

Converting Colors

YIQ(123.4560, 34.2470, 12.6070)

Have a look what the booklet for
YIQ(123.4560, 34.2470, 12.6070)
contains.

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Color

**YIQ(123.4560, 34.2470,
12.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	A46A6B
RGB	164, 106, 107
RGB Percent	64%, 42%, 42%
CMY	0.3567, 0.5844, 0.5803
CMYK	0.00, 0.35, 0.35, 0.36
HSL	359°, 24%, 53%
HSV	359°, 35%, 64%
XYZ	23.1243, 19.2616, 16.4185
YIQ	123.4560, 34.2470, 12.6070

Conversions

Conversions Part 2

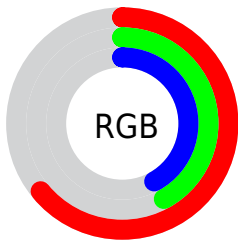
Format	Color
RYB	164, 106, 107
Decimal	10775147
CIELab	50.99, 23.38, 9.05
CIELCh	51, 25.071, 21.163
Yxy	19.2616, 0.3932, 0.3276
Android (android.graphics.Color)	4288965227 (0xFFA46A6B)
YUV	123.4560, -8.1128, 35.5571
Hunter-Lab	43.8880, 17.2465, 8.5412

Details

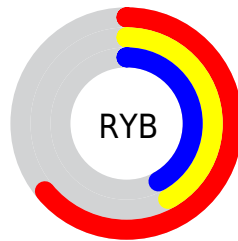
The YIQ color **123.4560, 34.2470, 12.6070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.5440, -34.2470, -12.6070**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5380, 36.9520, 13.1440**, and **73.7760, 30.3500, 11.6460** is the 20% darker color. If you saturate the color by 10%, you get **112.2400, 43.7830, 15.9990**, and if you desaturate by 10%, it is **134.6720, 24.7110, 9.2150**.

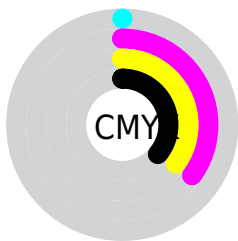
Distribution



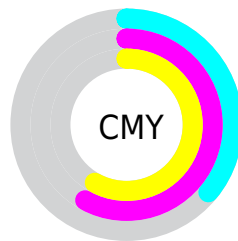
- Red (64%)
- Green (42%)
- Blue (42%)



- Red (64%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.4560, 34.2470, 12.6070 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 123.4560, 34.2470, 12.6070 by changing the saturation by 10% instead.

■ 123.4560, 34.2470,
12.6070

■ 123.4560, 34.2470,
12.6070

■ 255.0000, -0.0000,
-0.0000

■ 97.9720, 32.7340,
12.4940

■ 176.5380, 36.9520,
13.1440

■ 73.7760, 30.3500,
11.6460

■ 204.4350, 38.7400,
13.7800

■ 49.9930, 28.2410,
11.3210

■ 225.5580, 25.0320,
8.9040

■ 26.7370, 26.0860,
11.8300

■ 245.1860, 8.3440,
2.9680

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 123.4560, 34.2470,
12.6070

■ 123.4560, 34.2470,
12.6070

■ 112.2400, 43.7830,
15.9990

■ 134.6720, 24.7110,
9.2150

■ 100.4370, 53.5940,
19.9140

■ 146.4750, 14.9000,
5.3000

■ 89.2210, 63.1300,
23.3060

■ 157.6910, 5.3640,
1.9080

■ 77.4180, 72.9410,
27.2210

■ 169.4940, -4.4470,
-2.0070

■ 66.2020, 82.4770,
30.6130

■ 180.8240,
-14.3040, -5.0880

■ 54.8720, 92.3340,
33.6940


■ 192.0400,
-23.8400, -8.4800

■ 49.3780, 96.7810,
35.7010

■ 203.8430,
-33.6510, -12.3950

■ 215.0590,

-43.1870, -15.7870

 226.8620,
-52.9980, -19.7020

Harmonies

Analogous

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



124.4690, 24.2050, 18.3890



123.4560, 34.2470, 12.6070



122.2460, 34.4780, 2.9100

Triad

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



123.4560, 34.2470, 12.6070



115.7300, -8.7080, -18.4040



116.7740, -37.2300, 2.9140

Complementary

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



123.4560, 34.2470, 12.6070



146.5440, -34.2470, -12.6070

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.



110.8980, -52.6790, -8.9590



123.4560, 34.2470, 12.6070



112.2960, -30.8530, -19.0530

Square

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



123.4560, 34.2470, 12.6070



118.7880, 11.7400, -14.5320



108.8240, -49.8350, -16.4510



122.0050, -15.5910, 12.7370

Rectangle

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



123.4560, 34.2470, 12.6070



120.9910, 30.5820, -3.5780



108.8240, -49.8350, -16.4510



114.4310, -43.6940, -1.0860

Sweetspot

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



123.4560, 34.2470, 12.6070



197.8770, 13.7080, 4.8760



129.3560, 14.7580, 29.9100



97.1860, 8.3440, 2.9680



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.



123.4560, 34.2470, 12.6070



151.1380, 52.9980, 19.7020



139.1910, 27.1430, -1.8250



75.8050, 5.0430, 2.2190



43.6970, 85.4570, 31.6730



5.3820, 10.7280, 3.8160

Inverse Universe

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



123.4560, 34.2470, 12.6070



151.1380, 52.9980, 19.7020



130.8090, -27.1430, 1.8250



75.8050, 5.0430, 2.2190



43.6970, 85.4570, 31.6730



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 123.4560, 34.2470, 12.6070 looks on a white background.

Color Contrast Check

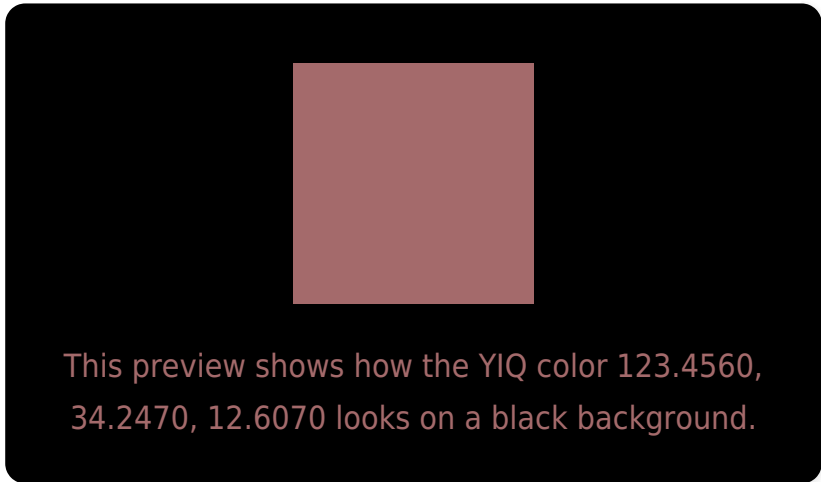
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

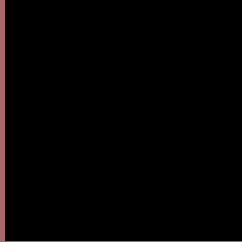
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4560, 34.2470, 12.6070

Background



This preview shows how black text looks on a background with the YIQ color 123.4560, 34.2470, 12.6070.



This preview shows how white text looks on a background with the YIQ color 123.4560, 34.2470,

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

123.4560, 34.2470, 12.6070

Protanopia

121.8110, 4.9060, -0.8060

Deuteranopia

122.5090, 17.5600, 1.1440



Tritanopia

123.8520, 33.1920, 15.2080

Trichromacy



Original Color

123.4560, 34.2470, 12.6070

Protanomaly

122.7200, 15.5880, 3.8440

Deuteranomaly

122.9660, 23.7030, 5.4550

Tritanomaly

123.6240, 33.8340, 14.5860

Monochromacy



Original Color

123.4560, 34.2470, 12.6070

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2790, 12.5160, 4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4560, 34.2470, 12.6070 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(164, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(164, 106, 107)  
}
```

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(164, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 106, 107) }
```

Border

The CSS property to change the border of an element to YIQ 123.4560, 34.2470, 12.6070 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(164, 106, 107) }
```


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

```
.border{ border-color:rgb(164, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(164, 106,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4560, 34.2470, 12.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 106, 107) }
```

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

```
.background{ background-color: rgb(164,  
106, 107) }
```

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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