

Converting Colors

YIQ(123.9160, 44.3350, 5.9910)

Have a look what the booklet for
YIQ(123.9160, 44.3350, 5.9910)
contains.

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Color

**YIQ(123.9160, 44.3350,
5.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6C55
RGB	170, 108, 85
RGB Percent	67%, 42%, 33%
CMY	0.3332, 0.5766, 0.6665
CMYK	0.00, 0.36, 0.50, 0.33
HSL	16°, 33%, 50%
HSV	16°, 50%, 67%
XYZ	23.5864, 19.9261, 11.2076
YIQ	123.9160, 44.3350, 5.9910

Conversions

Conversions Part 2

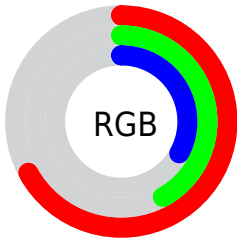
Format	Color
RYB	170, 117, 85
Decimal	11168853
CIELab	51.75, 22.16, 23.09
CIElCh	52, 32.002, 46.170
Yxy	19.9261, 0.4310, 0.3641
Android (android.graphics.Color)	4289358933 (0xFFAA6C55)
YUV	123.9160, -19.1856, 40.4157
Hunter-Lab	44.6387, 16.1989, 16.3609

Details

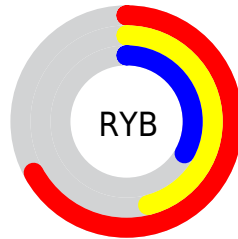
The YIQ color **123.9160, 44.3350, 5.9910** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.0840, -44.3350, -5.9910**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.4820, 48.5530, 6.6410**, and **74.0510, 39.5210, 5.1290** is the 20% darker color. If you saturate the color by 10%, you get **114.9340, 53.0920, 6.9800**, and if you desaturate by 10%, it is **132.8980, 35.5780, 5.0020**.

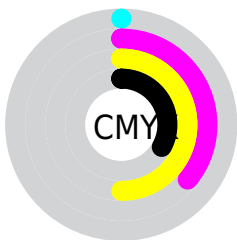
Distribution



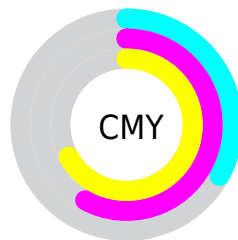
- Red (67%)
- Green (42%)
- Blue (33%)



- Red (67%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.9160, 44.3350, 5.9910 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 123.9160, 44.3350, 5.9910 by changing the saturation by 10% instead.

■ 123.9160, 44.3350,
5.9910

■ 123.9160, 44.3350,
5.9910

■ 255.0000, -0.0000,
-0.0000

■ 98.2470, 41.9050,
5.9770

■ 177.4820, 48.5530,
6.6410

■ 74.0510, 39.5210,
5.1290

■ 204.3680, 48.8740,
6.3300

■ 50.1970, 36.1740,
5.2140

■ 223.8820, 32.5070,
0.0830

■ 27.6420, 33.4230,
5.5110

■ 243.5100, 15.8190,
-5.8530

■ 11.6610, 23.2440,
8.2680

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 123.9160, 44.3350,
5.9910

■ 123.9160, 44.3350,
5.9910

■ 114.9340, 53.0920,
6.9800

■ 132.8980, 35.5780,
5.0020

■ 105.3650, 62.1240,
8.4920

■ 142.4670, 26.5460,
3.4900

■ 96.3830, 70.8810,
9.4810

■ 151.4490, 17.7890,
2.5010

■ 86.8140, 79.9130,
10.9930

■ 161.0180, 8.7570,
0.9890

■ 77.8320, 88.6700,
11.9820

■ 170.0000, -0.0000,
0.0000

■ 178.9820, -8.7570,
-0.9890

■ 188.5510,
-17.7890, -2.5010

■ 197.5330,

-26.5460, -3.4900

■ 207.1020,
-35.5780, -5.0020

Harmonies

Analogous

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



125.2230, 42.4530, 18.0770



123.9160, 44.3350, 5.9910



122.1070, 35.9470, -7.1970

Triad

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



123.9160, 44.3350, 5.9910



110.4860, -37.5000, -25.2440



123.0840, -25.9990, 14.1370

Complementary

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



123.9160, 44.3350, 5.9910



131.0840, -44.3350, -5.9910

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.



113.4170, -58.2740, -1.1700



123.9160, 44.3350, 5.9910



96.7380, -82.2480, -29.2560

Square

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



123.9160, 44.3350, 5.9910



116.0520, -6.9190, -23.2950



98.3000, -89.4020, -20.7460



126.8660, 4.2140, 22.7580

Rectangle

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



123.9160, 44.3350, 5.9910



121.2040, 25.1280, -14.8720



98.3000, -89.4020, -20.7460



120.5880, -36.4060, 10.0100

Sweetspot

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



123.9160, 44.3350, 5.9910



204.1500, 17.1930, 2.2890



117.4830, 30.7580, 37.3020



100.9150, 10.5450, 1.6250



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.



123.9160, 44.3350, 5.9910



149.8990, 69.3680, 9.3680



148.5700, 32.7850, -15.9750



79.5660, 4.2180, 0.6500



67.7320, 77.2080, 10.4560



9.5020, 10.2700, 1.1020

Inverse Universe

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



131.0840, -44.3350, -5.9910



161.1010, -69.3680, -9.3680



106.4300, -32.7850, 15.9750



80.4340, -4.2180, -0.6500



80.2680, -77.2080, -10.4560



11.0850, -10.5450, -1.6250

Previews

White Background



This preview shows how the YIQ color 123.9160, 44.3350, 5.9910 looks on a white background.

Color Contrast Check

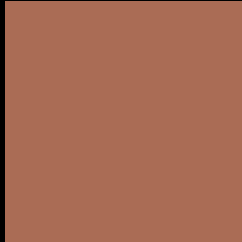
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9160, 44.3350, 5.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

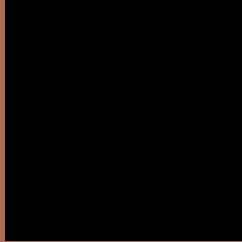
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.9160, 44.3350, 5.9910

Background



This preview shows how black text looks on a background with the YIQ color 123.9160, 44.3350, 5.9910.



This preview shows how white text looks on a background with the YIQ color 123.9160, 44.3350,

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

123.9160, 44.3350, 5.9910

Protanopia

123.0430, 15.6360, -8.0440

Deuteranopia

122.9800, 29.1150, -4.5250



Tritanopia

125.2440, 37.9600, 16.9040

Trichromacy



Original Color

123.9160, 44.3350, 5.9910

Protanomaly

123.0660, 25.9970, -3.0830

Deuteranomaly

123.1380, 34.6620, -0.4260

Tritanomaly

124.3920, 40.2990, 13.0590

Monochromacy



Original Color

123.9160, 44.3350, 5.9910

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9650, 16.2760, 2.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9160, 44.3350, 5.9910 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(170, 108, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 108, 85)  
}
```

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(170, 108, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 108, 85) }
```

Border

The CSS property to change the border of an element to YIQ 123.9160, 44.3350, 5.9910 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(170, 108, 85) }
```


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

```
.border{ border-color:rgb(170, 108, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 108, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 108, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 108, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 108,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9160, 44.3350, 5.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 108, 85) }
```

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

```
.background{ background-color: rgb(170,  
108, 85) }
```

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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