

Converting Colors

YIQ(121.9420, 41.4460, 8.7900)

Have a look what the booklet for
YIQ(121.9420, 41.4460, 8.7900)
contains.

YIQ(121.9420, 41.4460, 8.7900)	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(121.9420, 41.4460,
8.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	A7695B
RGB	167, 105, 91
RGB Percent	65%, 41%, 36%
CMY	0.3450, 0.5883, 0.6430
CMYK	0.00, 0.37, 0.45, 0.34
HSL	11°, 30%, 51%
HSV	11°, 45%, 66%
XYZ	22.8830, 19.0733, 12.3831
YIQ	121.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

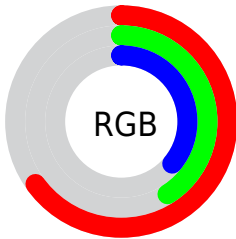
Format	Color
R_{YB}	167, 108, 91
Decimal	10971483
CIE Lab	50.77, 23.23, 18.23
CIE LCh	51, 29.531, 38.113
Yxy	19.0733, 0.4211, 0.3510
Android (android.graphics.Color)	4289161563 (0xFFA7695B)
YUV	121.9420, -15.2544, 39.5159
Hunter-Lab	43.6730, 17.0996, 13.7599

Details

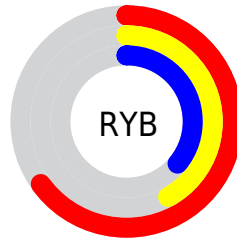
The YIQ color **121.9420, 41.4460, 8.7900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.0580, -41.4460, -8.7900**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.2090, 45.0680, 9.2280**, and **72.0770, 36.6320, 7.9280** is the 20% darker color. If you saturate the color by 10%, you get **111.7860, 50.7530, 10.8250**, and if you desaturate by 10%, it is **132.0980, 32.1390, 6.7550**.

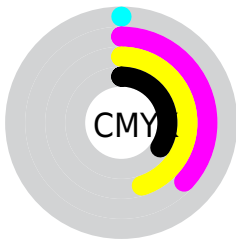
Distribution



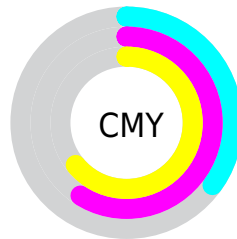
- Red (65%)
- Green (41%)
- Blue (36%)



- Red (65%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (34%)



- Cyan (35%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.9420, 41.4460, 8.7900 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 121.9420, 41.4460, 8.7900 by changing the saturation by 10% instead.

■ 121.9420, 41.4460,
8.7900

■ 121.9420, 41.4460,
8.7900

■ 255.0000, -0.0000,
-0.0000

■ 96.1590, 39.3370,
8.4650

■ 175.2090, 45.0680,
9.2280

■ 72.0770, 36.6320,
7.9280

■ 203.1060, 46.8560,
9.8640

■ 48.4080, 34.2020,
7.9140

■ 222.9190, 31.0850,
3.8290

■ 24.6960, 33.3310,
7.1790

■ 242.5470, 14.3970,
-2.1070

■ 11.4760, 22.3270,
8.3670

■ 254.5440, 1.2840,
-1.2440

■ 0.0000, 0.0000,
0.0000

■ 121.9420, 41.4460,
8.7900

■ 121.9420, 41.4460,
8.7900

■ 111.7860, 50.7530,
10.8250

■ 132.0980, 32.1390,
6.7550

■ 102.3310, 59.4640,
12.6480

■ 141.5530, 23.4280,
4.9320

■ 92.1750, 68.7710,
14.6830

■ 151.7090, 14.1210,
2.8970

■ 82.0190, 78.0780,
16.7180

■ 161.8650, 4.8140,
0.8620

■ 72.5640, 86.7890,
18.5410

■ 171.4340, -4.2180,
-0.6500

■ 68.1300, 91.0070,
19.1910

■ 181.4760,
-13.2040, -2.9960

■ 191.0450,
-22.2360, -4.5080

■ 201.2010,

-31.5430, -6.5430

■ 211.2430,
-40.5290, -8.8890

Harmonies

Analogous

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



123.2270, 36.6300, 18.9820



121.9420, 41.4460, 8.7900



120.6280, 36.0380, -3.3380

Triad

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



121.9420, 41.4460, 8.7900



111.1130, -26.0840, -22.8840



119.1110, -30.6290, 9.9390

Complementary

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



121.9420, 41.4460, 8.7900



136.0580, -41.4460, -8.7900

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.



110.0100, -58.6860, -4.7180



121.9420, 41.4460, 8.7900



103.9000, -56.1610, -22.9530

Square

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



121.9420, 41.4460, 8.7900



115.6400, 0.2330, -20.7510



97.3780, -80.8740, -21.1140



123.8650, -3.2130, 19.6910

Rectangle

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



121.9420, 41.4460, 8.7900



119.3940, 27.6490, -10.9990



97.3780, -80.8740, -21.1140



116.5010, -40.7150, 5.5010

Sweetspot

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



121.9420, 41.4460, 8.7900



198.7910, 16.8260, 3.4340



120.7920, 25.3940, 35.3940



98.4420, 10.4990, 2.4590



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.



121.9420, 41.4460, 8.7900



145.9080, 65.1490, 14.2450



144.2480, 30.9960, -11.0840



78.9790, 4.4930, 1.1730



60.1010, 80.7830, 17.2550



8.3280, 10.8200, 2.1480

Inverse Universe

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



136.0580, -41.4460, -8.7900



168.5050, -64.8740, -13.7220



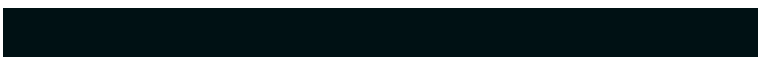
113.7520, -30.9960, 11.0840



81.0210, -4.4930, -1.1730



87.8990, -80.7830, -17.2550



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 121.9420, 41.4460, 8.7900 looks on a white background.

Color Contrast Check

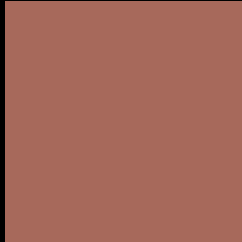
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9420, 41.4460, 8.7900 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 121.9420, 41.4460, 8.7900

Background



This preview shows how black text looks on a background with the YIQ color 121.9420, 41.4460, 8.7900.



This preview shows how white text looks on a background with the YIQ color 121.9420, 41.4460,

8.7900.

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

121.9420, 41.4460, 8.7900

Protanopia

120.7700, 12.1510, -5.4570

Deuteranopia

121.2940, 25.3550, -2.4610



Tritanopia

122.9450, 37.3640, 16.6920

Trichromacy



Original Color

121.9420, 41.4460, 8.7900

Protanomaly

121.0920, 23.1080, -0.2840

Deuteranomaly

121.4520, 30.9020, 1.6380

Tritanomaly

122.4350, 38.7400, 13.7800

Monochromacy



Original Color

121.9420, 41.4460, 8.7900

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0080, 14.7170, 3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9420, 41.4460, 8.7900 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, 105, 91)` looks like.

```
.text, #text, p{  
    color:rgb(167, 105, 91)  
}
```

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, 105, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 105, 91) }
```

Border

The CSS property to change the border of an element to YIQ 121.9420, 41.4460, 8.7900 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, 105, 91) }
```


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

```
.border{ border-color:rgb(167, 105, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 105, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 105, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 105, 91);  
box-shadow:4px 4px 4px 4px rgb(167, 105,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9420, 41.4460, 8.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 105, 91) }
```

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

```
.background{ background-color: rgb(167,  
105, 91) }
```

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