

Converting Colors

YIQ(115.1750, 42.4080, 13.3840)

Have a look what the booklet for
YIQ(115.1750, 42.4080, 13.3840)
contains.

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Color

**YIQ(115.1750, 42.4080,
13.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	A45F5B
RGB	164, 95, 91
RGB Percent	64%, 37%, 36%
CMY	0.3567, 0.6275, 0.6430
CMYK	0.00, 0.42, 0.44, 0.36
HSL	3°, 29%, 50%
HSV	3°, 44%, 64%
XYZ	21.2982, 16.8322, 12.0338
YIQ	115.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

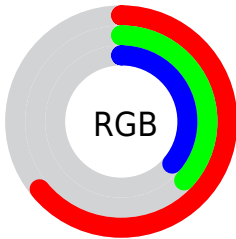
Format	Color
RYB	164, 95, 91
Decimal	10772315
CIELab	48.05, 27.63, 14.45
CIElCh	48, 31.177, 27.608
Yxy	16.8322, 0.4246, 0.3355
Android (android.graphics.Color)	4288962395 (0xFFA45F5B)
YUV	115.1750, -11.9183, 42.8195
Hunter-Lab	41.0270, 20.8665, 11.3283

Details

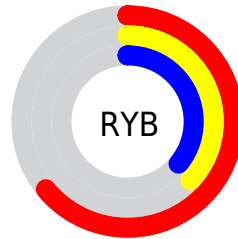
The YIQ color **115.1750, 42.4080, 13.3840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.8250, -42.4080, -13.3840**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8550, 46.3050, 14.3450**, and **65.3100, 37.5940, 12.5220** is the 20% darker color. If you saturate the color by 10%, you get **103.9590, 51.9440, 16.7760**, and if you desaturate by 10%, it is **125.8040, 33.1470, 10.5150**.

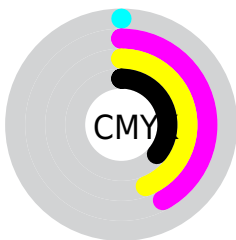
Distribution



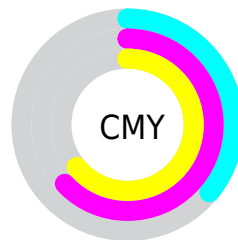
- Red (64%)
- Green (37%)
- Blue (36%)



- Red (64%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (36%)





- Cyan (36%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1750, 42.4080, 13.3840 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 115.1750, 42.4080, 13.3840 by changing the saturation by 10% instead.


 115.1750, 42.4080,
13.3840


 115.1750, 42.4080,
13.3840


255.0000, -0.0000,
-0.0000


 89.5060, 39.9780,
13.3700


 167.8550, 46.3050,
14.3450


 65.3100, 37.5940,
12.5220


 195.7520, 48.0930,
14.9810

 41.7550, 34.8430,
12.8190

 216.4620, 34.1100,
9.5820

 17.3420, 34.5680,
12.2960

 236.0900, 17.4220,
3.6460

 9.9810, 19.3470,
7.3070

254.5440, 1.2840,
-1.2440

 0.0000, 0.0000,
0.0000

■ 115.1750, 42.4080,
13.3840

■ 115.1750, 42.4080,
13.3840

■ 103.9590, 51.9440,
16.7760

■ 125.8040, 33.1470,
10.5150

■ 93.2160, 61.5260,
19.3340

■ 137.1340, 23.2900,
7.4340

■ 82.0000, 71.0620,
22.7260

■ 148.3500, 13.7540,
4.0420

■ 71.2570, 80.6440,
25.2840

■ 159.0930, 4.1720,
1.4840

■ 60.0410, 90.1800,
28.6760

■ 170.3090, -5.3640,
-1.9080


■ 54.3190, 95.2690,
30.0610

■ 180.9380,
-14.6250, -4.7770

■ 192.2680,
-24.4820, -7.8580

■ 202.8970,

-33.7430, -10.7270

 214.2270,
-43.6000, -13.8080

Harmonies

Analogous

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



116.3670, 33.4200, 22.0920



115.1750, 42.4080, 13.3840



113.6010, 40.6680, 0.8600

Triad

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



115.1750, 42.4080, 13.3840



105.1910, -17.5560, -23.2520



108.2340, -44.3370, 5.0630

Complementary

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



115.1750, 42.4080, 13.3840



139.8250, -42.4080, -13.3840

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.



90.8000, -84.8180, -15.7140



115.1750, 42.4080, 13.3840



97.6570, -51.1630, -25.4270

Square

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



115.1750, 42.4080, 13.3840



109.6580, 8.9900, -19.7620



90.2810, -79.2230, -23.5030



115.8360, -13.4370, 17.7550

Rectangle

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



115.1750, 42.4080, 13.3840



112.9110, 33.5630, -8.0450



90.2810, -79.2230, -23.5030



104.4990, -55.5690, -0.6330

Sweetspot

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



115.1750, 42.4080, 13.3840



195.5460, 16.1380, 4.8900



120.6930, 21.3590, 36.9350



95.6700, 9.8570, 3.0810



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.



115.1750, 42.4080, 13.3840



138.3090, 65.6980, 20.8180



136.3070, 32.5080, -5.4440



76.2780, 5.0890, 1.3850



48.0510, 84.2200, 26.5560



5.9690, 10.4530, 3.2930

Inverse Universe

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



139.8250, -42.4080, -13.3840



176.6910, -65.6980, -20.8180



118.6930, -32.5080, 5.4440



78.7220, -5.0890, -1.3850



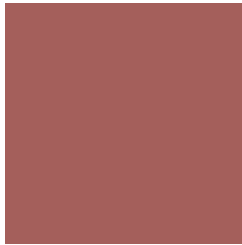
97.5360, -84.4950, -27.0790



12.0310, -10.4530, -3.2930

Previews

White Background



This preview shows how the YIQ color 115.1750, 42.4080, 13.3840 looks on a white background.

Color Contrast Check

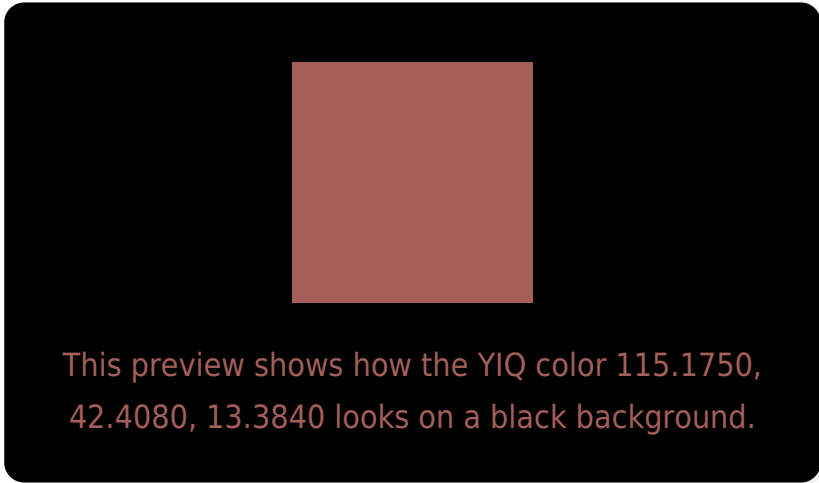
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YIQ 115.1750, 42.4080, 13.3840

Background



This preview shows how black text looks on a background with the YIQ color 115.1750, 42.4080, 13.3840.

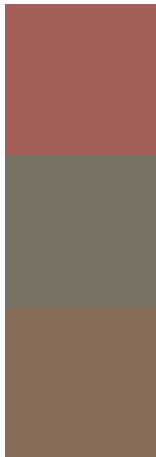


This preview shows how white text looks on a background with the YIQ color 115.1750, 42.4080,

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

115.1750, 42.4080, 13.3840

Protanopia

114.1980, 8.0700, -3.0820

Deuteranopia

114.6680, 21.3660, -1.7540



Tritanopia

115.9130, 40.3900, 16.9180

Trichromacy



Original Color

115.1750, 42.4080, 13.3840

Protanomaly

114.5310, 20.4940, 3.0380

Deuteranomaly

115.1360, 28.9760, 3.5040

Tritanomaly

115.5710, 41.3530, 15.9850

Monochromacy



Original Color

115.1750, 42.4080, 13.3840

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2470, 15.5420, 4.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1750, 42.4080, 13.3840 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, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(164, 95, 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(164, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 95, 91) }
```

Border

The CSS property to change the border of an element to YIQ 115.1750, 42.4080, 13.3840 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, 95, 91) }
```


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

```
.border{ border-color:rgb(164, 95, 91) }
```

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

Here you see how a box with a 4 pixel rgb(164, 95, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(164, 95,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1750, 42.4080, 13.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 95, 91) }
```

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

```
.background{ background-color: rgb(164, 95,  
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](#).

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