

Converting Colors

YIQ(115.8420, 39.1520, 17.3280)

Have a look what the booklet for
YIQ(115.8420, 39.1520, 17.3280)
contains.

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Color

**YIQ(115.8420, 39.1520,
17.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	A45E66
RGB	164, 94, 102
RGB Percent	64%, 37%, 40%
CMY	0.3567, 0.6315, 0.5998
CMYK	0.00, 0.43, 0.38, 0.36
HSL	353°, 28%, 51%
HSV	353°, 43%, 64%
XYZ	21.7191, 16.8574, 14.6893
YIQ	115.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

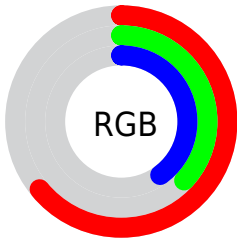
Format	Color
RYB	164, 94, 102
Decimal	10772070
CIELab	48.08, 29.48, 7.91
CIElCh	48, 30.519, 15.016
Yxy	16.8574, 0.4077, 0.3165
Android (android.graphics.Color)	4288962150 (0xFFA45E66)
YUV	115.8420, -6.8241, 42.2346
Hunter-Lab	41.0578, 22.5735, 7.5281

Details

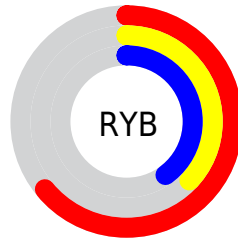
The YIQ color **115.8420, 39.1520, 17.3280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.1580, -39.1520, -17.3280**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2230, 42.4530, 18.0770**, and **66.1620, 35.2550, 16.3670** is the 20% darker color. If you saturate the color by 10%, you get **104.8540, 48.0460, 21.3420**, and if you desaturate by 10%, it is **126.9440, 29.9370, 13.6250**.

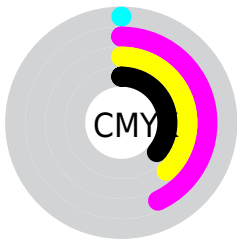
Distribution



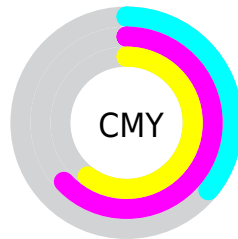
- Red (64%)
- Green (37%)
- Blue (40%)



- Red (64%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (38%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8420, 39.1520, 17.3280 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 115.8420, 39.1520, 17.3280 by changing the saturation by 10% instead.

■ 115.8420, 39.1520,
17.3280

■ 115.8420, 39.1520,
17.3280

■ 255.0000, -0.0000,
-0.0000

■ 90.0590, 37.0430,
17.0030

■ 169.2230, 42.4530,
18.0770

■ 66.1620, 35.2550,
16.3670

■ 196.2340, 43.9200,
19.0240

■ 41.6070, 32.5040,
16.6640

■ 217.2430, 30.5330,
13.8370

■ 18.7100, 30.7160,
16.0280

■ 236.8710, 13.8450,
7.9010

■ 10.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 115.8420, 39.1520,
17.3280

■ 115.8420, 39.1520,
17.3280

■ 104.8540, 48.0460,
21.3420

■ 126.9440, 29.9370,
13.6250

■ 93.1650, 57.5360,
25.5680

■ 138.5190, 20.7680,
9.0880

■ 82.0630, 66.7510,
29.2710

■ 149.6210, 11.5530,
5.3850

■ 70.4880, 75.9200,
33.8080

■ 161.1960, 2.3840,
0.8480

■ 59.3860, 85.1350,
37.5110

■ 172.2980, -6.8310,
-2.8550


■ 51.2020, 91.6450,
40.6770

■ 183.2860,
-15.7250, -6.8690

■ 194.9750,
-25.2150, -11.0950

■ 205.9630,

-34.1090, -15.1090

 217.6520,
-43.5990, -19.3350

Harmonies

Analogous

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



117.0010, 25.7630, 23.1950



115.8420, 39.1520, 17.3280



114.3610, 41.5840, 6.2880

Triad

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



115.8420, 39.1520, 17.3280



107.5900, -5.4980, -21.5140



103.6730, -56.1190, -1.6790

Complementary

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



115.8420, 39.1520, 17.3280



142.1580, -39.1520, -17.3280

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.



91.0620, -82.8000, -19.2480



115.8420, 39.1520, 17.3280



102.3940, -34.2450, -23.6610

Square

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



115.8420, 39.1520, 17.3280



111.1430, 17.9300, -16.5820



89.6140, -75.9670, -27.4470



113.4430, -25.6320, 12.9920

Rectangle

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



115.8420, 39.1520, 17.3280



113.6390, 37.5050, -2.3910



89.6140, -75.9670, -27.4470



98.8130, -68.4970, -8.6330

Sweetspot

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



115.8420, 39.1520, 17.3280



194.8280, 15.4040, 7.1800



120.5180, 14.4820, 34.9140



95.3110, 9.4900, 4.2260



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.



115.8420, 39.1520, 17.3280



139.0730, 60.7910, 27.1510



130.7790, 34.2950, 0.7190



75.8050, 5.0430, 2.2190



45.2930, 80.9630, 36.0270



5.6100, 10.0860, 4.4380

Inverse Universe

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



115.8420, 39.1520, 17.3280



139.0730, 60.7910, 27.1510



127.2210, -34.2950, -0.7190



75.8050, 5.0430, 2.2190



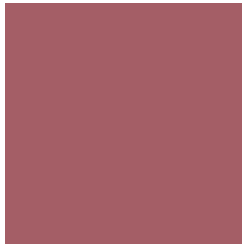
45.2930, 80.9630, 36.0270



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 115.8420, 39.1520, 17.3280 looks on a white background.

Color Contrast Check

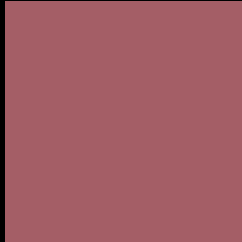
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.8420, 39.1520, 17.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

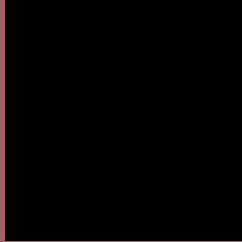
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.8420, 39.1520, 17.3280

Background



This preview shows how black text looks on a background with the YIQ color 115.8420, 39.1520, 17.3280.



This preview shows how white text looks on a background with the YIQ color 115.8420, 39.1520,

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

115.8420, 39.1520, 17.3280

Protanopia

114.7830, 2.1090, 0.3250

Deuteranopia

115.0250, 16.0470, 1.0310



Tritanopia

115.7280, 39.4730, 17.0170

Trichromacy



Original Color

115.8420, 39.1520, 17.3280

Protanomaly

115.3010, 15.4500, 6.3460

Deuteranomaly

115.2050, 24.5280, 7.0240

Tritanomaly

115.7280, 39.4730, 17.0170

Monochromacy



Original Color

115.8420, 39.1520, 17.3280

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8420, 39.1520, 17.3280 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, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(164, 94, 102)  
}
```

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, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 94, 102) }
```

Border

The CSS property to change the border of an element to YIQ 115.8420, 39.1520, 17.3280 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, 94, 102) }
```


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

```
.border{ border-color:rgb(164, 94, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(164, 94,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8420, 39.1520, 17.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 94, 102) }
```

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

```
.background{ background-color: rgb(164, 94,  
102) }
```

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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