

Converting Colors

YIQ(117.4350, 38.7400, 13.7800)

Have a look what the booklet for
YIQ(117.4350, 38.7400, 13.7800)
contains.

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Color

**YIQ(117.4350, 38.7400,
13.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	A36262
RGB	163, 98, 98
RGB Percent	64%, 38%, 38%
CMY	0.3606, 0.6158, 0.6155
CMYK	0.00, 0.40, 0.40, 0.36
HSL	360°, 26%, 51%
HSV	360°, 40%, 64%
XYZ	21.6839, 17.4035, 13.7813
YIQ	117.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

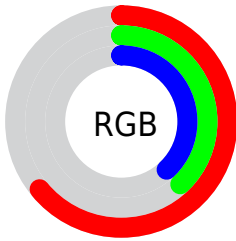
Format	Color
R_{YB}	163, 98, 98
Decimal	10707554
CIE _{Lab}	48.76, 26.36, 11.25
CIE _{LCh}	49, 28.659, 23.104
Yxy	17.4035, 0.4101, 0.3292
Android (android.graphics.Color)	4288897634 (0xFFA36262)
YUV	117.4350, -9.5815, 39.9605
Hunter-Lab	41.7175, 19.7749, 9.6159

Details

The YIQ color **117.4350, 38.7400, 13.7800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.5650, -38.7400, -13.7800**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.8160, 42.0410, 14.5290**, and **67.8690, 34.5220, 13.1300** is the 20% darker color. If you saturate the color by 10%, you get **106.2190, 48.2760, 17.1720**, and if you desaturate by 10%, it is **128.6510, 29.2040, 10.3880**.

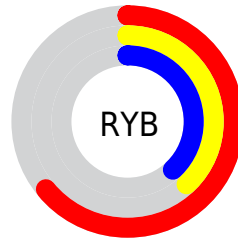
Distribution



Red (64%)

Green (38%)

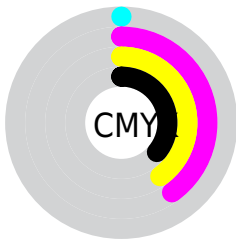
Blue (38%)



Red (64%)

Yellow (38%)

Blue (38%)

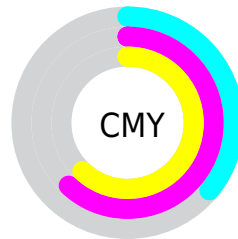


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (36%)



Cyan (36%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4350, 38.7400, 13.7800 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 117.4350, 38.7400, 13.7800 by changing the saturation by 10% instead.

■ 117.4350, 38.7400,
13.7800

■ 117.4350, 38.7400,
13.7800

■ 255.0000, -0.0000,
-0.0000

■ 91.9510, 37.2270,
13.6670

■ 170.8160, 42.0410,
14.5290

■ 67.8690, 34.5220,
13.1300

■ 197.7130, 43.8290,
15.1650

■ 44.2000, 32.0920,
13.1160

■ 219.1350, 30.7170,
10.5010

■ 19.7870, 31.8170,
12.5930

■ 239.3500, 13.7540,
4.0420

■ 10.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 117.4350, 38.7400,
13.7800

■ 117.4350, 38.7400,
13.7800

■ 106.2190, 48.2760,
17.1720

■ 128.6510, 29.2040,
10.3880

■ 94.3020, 58.4080,
20.7760

■ 140.5680, 19.0720,
6.7840

■ 83.0860, 67.9440,
24.1680

■ 151.7840, 9.5360,
3.3920

■ 71.8700, 77.4800,
27.5600

■ 163.0000, -0.0000,
-0.0000

■ 60.0670, 87.2910,
31.4750

■ 174.2160, -9.5360,
-3.3920


■ 48.7370, 97.1480,
34.5560

■ 186.1330,
-19.6680, -6.9960

■ 197.3490,
-29.2040, -10.3880

■ 208.5650,

-38.7400, -13.7800

 220.4820,
-48.8720, -17.3840

Harmonies

Analogous

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



118.3880, 28.9270, 20.9190



117.4350, 38.7400, 13.7800



116.2850, 38.7420, 2.7260

Triad

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



117.4350, 38.7400, 13.7800



109.1810, -11.5960, -21.1320



110.3650, -43.3280, 3.2960

Complementary

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



117.4350, 38.7400, 13.7800



143.5650, -38.7400, -13.7800

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.



98.9930, -69.1840, -12.7040



117.4350, 38.7400, 13.7800



103.1100, -39.1970, -22.0210

Square

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



117.4350, 38.7400, 13.7800



112.2070, 11.8780, -17.0340



95.1850, -70.1450, -22.8250



117.1730, -16.0040, 14.7160

Rectangle

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



117.4350, 38.7400, 13.7800



115.6060, 33.1040, -5.2320



95.1850, -70.1450, -22.8250



106.8260, -52.1760, -1.5520

Sweetspot

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



117.4350, 38.7400, 13.7800



193.7740, 15.4960, 5.5120



124.5460, 17.2790, 33.7830



96.4850, 8.9400, 3.1800



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.



117.4350, 38.7400, 13.7800



140.4980, 60.7920, 21.6240



135.6320, 30.2150, -2.4330



75.6910, 5.3640, 1.9080



43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Inverse Universe

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



117.4350, 38.7400, 13.7800



140.4980, 60.7920, 21.6240



125.3680, -30.2150, 2.4330



75.6910, 5.3640, 1.9080



43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 117.4350, 38.7400, 13.7800 looks on a white background.

Color Contrast Check

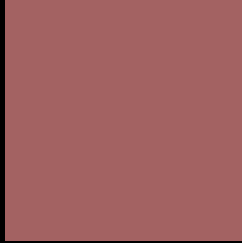
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4350, 38.7400, 13.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

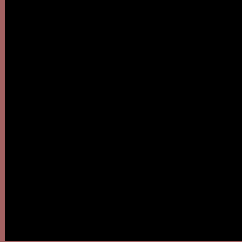
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.4350, 38.7400, 13.7800

Background



This preview shows how black text looks on a background with the YIQ color 117.4350, 38.7400, 13.7800.

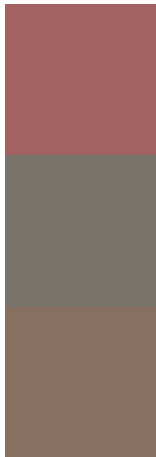


This preview shows how white text looks on a background with the YIQ color 117.4350, 38.7400,

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

117.4350, 38.7400, 13.7800

Protanopia

116.1700, 5.2730, -1.9510

Deuteranopia

117.0530, 18.8440, -0.1000



Tritanopia

117.8310, 37.6850, 16.3810

Trichromacy



Original Color

117.4350, 38.7400, 13.7800

Protanomaly

116.5030, 17.6970, 4.1690

Deuteranomaly

117.2220, 25.8580, 4.9460

Tritanomaly

117.6030, 38.3270, 15.7590

Monochromacy



Original Color

117.4350, 38.7400, 13.7800

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1760, 14.3040, 5.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4350, 38.7400, 13.7800 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(163, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(163, 98, 98)  
}
```

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(163, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 98, 98) }
```

Border

The CSS property to change the border of an element to YIQ 117.4350, 38.7400, 13.7800 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(163, 98, 98) }
```


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

```
.border{ border-color:rgb(163, 98, 98) }
```

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

Here you see how a box with a 4 pixel rgb(163, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(163, 98,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4350, 38.7400, 13.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 98, 98) }
```

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

```
.background{ background-color: rgb(163, 98,  
98) }
```

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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