

Converting Colors

YIQ(113.3190, 33.3750, 17.3990)

Have a look what the booklet for
YIQ(113.3190, 33.3750, 17.3990)
contains.

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Color

**YIQ(113.3190, 33.3750,
17.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5D6A
RGB	156, 93, 106
RGB Percent	61%, 36%, 42%
CMY	0.3881, 0.6354, 0.5842
CMYK	0.00, 0.40, 0.32, 0.39
HSL	348°, 25%, 49%
HSV	348°, 40%, 61%
XYZ	20.2333, 15.9373, 15.6540
YIQ	113.3190, 33.3750, 17.3990

Conversions

Conversions Part 2

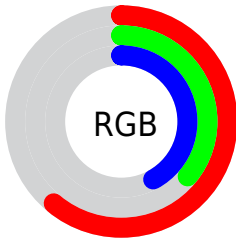
Format	Color
R_{YB}	156, 93, 106
Decimal	10247530
CIE _{Lab}	46.89, 27.46, 3.66
CIE _{LCh}	47, 27.703, 7.594
Yxy	15.9373, 0.3904, 0.3075
Android (android.graphics.Color)	4288437610 (0xFF9C5D6A)
YUV	113.3190, -3.6083, 37.4312
Hunter-Lab	39.9215, 20.6059, 4.6963

Details

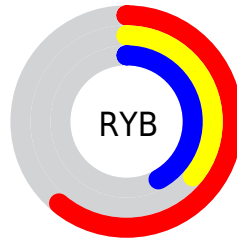
The YIQ color **113.3190, 33.3750, 17.3990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.6810, -33.3750, -17.3990**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8140, 36.3550, 18.4590**, and **63.9380, 30.0740, 16.6500** is the 20% darker color. If you saturate the color by 10%, you get **102.5590, 41.6270, 22.0350**, and if you desaturate by 10%, it is **124.0790, 25.1230, 12.7630**.

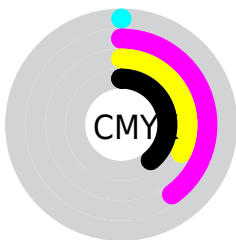
Distribution



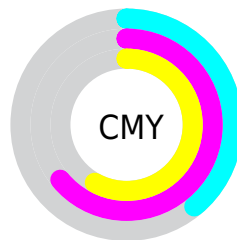
- Red (61%)
- Green (36%)
- Blue (42%)



- Red (61%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.3190, 33.3750, 17.3990 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 113.3190, 33.3750, 17.3990 by changing the saturation by 10% instead.


 113.3190, 33.3750,
17.3990


 113.3190, 33.3750,
17.3990


255.0000, -0.0000,
-0.0000


 88.4220, 31.5870,
16.7630


 165.8140, 36.3550,
18.4590


 63.9380, 30.0740,
16.6500


 193.4120, 37.5470,
18.8830


 40.1550, 27.9650,
16.3250

 217.2260, 29.2030,
15.9150

 17.3720, 25.8560,
16.0000

 236.8540, 12.5150,
9.9790

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,
0.0000

■ 113.3190, 33.3750,
17.3990

■ 113.3190, 33.3750,
17.3990

■ 102.5590, 41.6270,
22.0350

■ 124.0790, 25.1230,
12.7630

■ 92.2720, 49.9250,
25.8370

■ 134.3660, 16.8250,
8.9610

■ 81.5120, 58.1770,
30.4730

■ 145.1260, 8.5730,
4.3250

■ 71.3390, 66.1540,
34.5860

■ 155.4130, 0.2750,
0.5230

■ 60.4650, 74.7270,
38.9110

■ 166.1730, -7.9770,
-4.1130


■ 50.2920, 82.7040,
43.0240

■ 176.9330,
-16.2290, -8.7490

■ 187.2200,
-24.5270, -12.5510

■ 197.9800,

-32.7790, -17.1870

 208.1530,
-40.7560, -21.3000

Harmonies

Analogous

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



114.4130, 18.6110, 20.6510



113.3190, 33.3750, 17.3990



111.9740, 38.4200, 8.5640

Triad

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



113.3190, 33.3750, 17.3990



106.2920, 1.3330, -18.6590



100.5760, -54.4680, -4.0680

Complementary

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



113.3190, 33.3750, 17.3990



135.6810, -33.3750, -17.3990

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.



89.8520, -73.4010, -18.8810



113.3190, 33.3750, 17.3990



102.2490, -23.4710, -20.6790

Square

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



113.3190, 33.3750, 17.3990



109.2190, 20.7720, -13.0200



96.1780, -51.0720, -21.5680



109.0680, -29.0700, 9.2180

Rectangle

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



113.3190, 33.3750, 17.3990



111.2630, 35.8080, 0.8320



96.1780, -51.0720, -21.5680



97.1080, -62.0780, -9.3260

Sweetspot

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



113.3190, 33.3750, 17.3990



187.7460, 12.6990, 6.6430



114.8330, 8.9810, 29.9810



92.5280, 7.3810, 3.9010



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.3190, 33.3750, 17.3990



137.5820, 51.9880, 26.9960



122.4030, 32.5980, 3.9420



73.6200, 4.1260, 2.3180



46.1770, 75.5980, 39.6460



4.8270, 7.9770, 4.1130

Inverse Universe

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



113.3190, 33.3750, 17.3990



137.5820, 51.9880, 26.9960



126.5970, -32.5980, -3.9420



73.6200, 4.1260, 2.3180



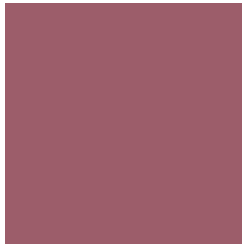
46.1770, 75.5980, 39.6460



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 113.3190, 33.3750, 17.3990 looks on a white background.

Color Contrast Check

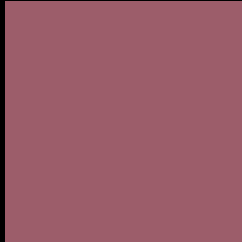
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3190, 33.3750, 17.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

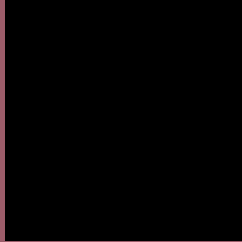
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3190, 33.3750, 17.3990

Background



This preview shows how black text looks on a background with the YIQ color 113.3190, 33.3750, 17.3990.



This preview shows how white text looks on a background with the YIQ color 113.3190, 33.3750,

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

113.3190, 33.3750, 17.3990

Protanopia

111.8690, -1.0090, 1.7670

Deuteranopia

112.5130, 11.7370, 2.0490



Tritanopia

113.3360, 34.7050, 15.3210

Trichromacy



Original Color

113.3190, 33.3750, 17.3990

Protanomaly

112.0880, 11.7360, 7.5760

Deuteranomaly

112.9810, 19.3470, 7.3070

Tritanomaly

113.5640, 34.0630, 15.9430

Monochromacy



Original Color

113.3190, 33.3750, 17.3990

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3330, 12.4240, 6.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3190, 33.3750, 17.3990 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(156, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(156, 93, 106)  
}
```

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(156, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 106) }
```

Border

The CSS property to change the border of an element to YIQ 113.3190, 33.3750, 17.3990 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(156, 93, 106) }
```


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

```
.border{ border-color:rgb(156, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 93, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 93, 106); box-shadow:4px 4px 4px 4px rgb(156, 93, 106) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3190, 33.3750, 17.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 93, 106) }
```

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

```
.background{ background-color: rgb(156, 93,  
106) }
```

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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