

Converting Colors

YIQ(113.7130, 17.4660, 13.8660)

Have a look what the booklet for
YIQ(113.7130, 17.4660, 13.8660)
contains.

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Color

**YIQ(113.7130, 17.4660,
13.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6476
RGB	139, 100, 118
RGB Percent	55%, 39%, 46%
CMY	0.4548, 0.6079, 0.5372
CMYK	0.00, 0.28, 0.15, 0.45
HSL	332°, 16%, 47%
HSV	332°, 28%, 55%
XYZ	18.4783, 15.9108, 19.2411
YIQ	113.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

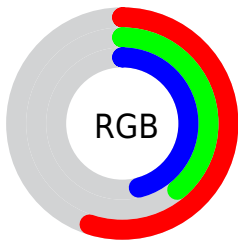
Format	Color
R_{YB}	139, 100, 118
Decimal	9135222
CIE _{Lab}	46.86, 18.72, -3.86
CIE _{LCh}	47, 19.110, 348.352
Yxy	15.9108, 0.3446, 0.2967
Android (android.graphics.Color)	4287325302 (0xFF8B6476)
YUV	113.7130, 2.1135, 22.1767
Hunter-Lab	39.8883, 12.8858, -0.6781

Details

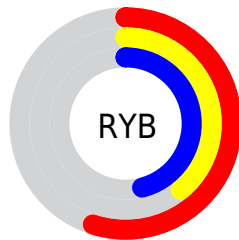
The YIQ color **113.7130, 17.4660, 13.8660** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.2870, -17.4660, -13.8660**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7240, 18.9330, 14.8130**, and **65.4030, 15.4030, 12.7070** is the 20% darker color. If you saturate the color by 10%, you get **104.6970, 23.5630, 19.0110**, and if you desaturate by 10%, it is **122.7290, 11.3690, 8.7210**.

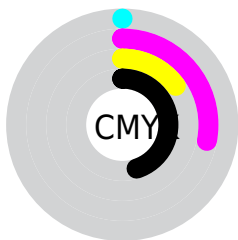
Distribution



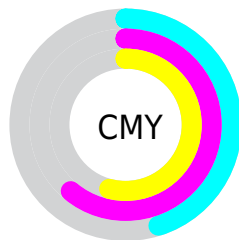
- Red (55%)
- Green (39%)
- Blue (46%)



- Red (55%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (45%)





- Cyan (45%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7130, 17.4660, 13.8660 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 113.7130, 17.4660, 13.8660 by changing the saturation by 10% instead.


 113.7130, 17.4660,
13.8660


 113.7130, 17.4660,
13.8660


255.0000, -0.0000,
-0.0000


 89.0010, 16.5950,
13.1310


 165.7240, 18.9330,
14.8130

 65.4030, 15.4030,
12.7070


 193.0230, 19.5290,
15.0250

 42.6910, 14.5320,
11.9720

 221.3220, 20.1250,
15.2370

 20.6200, 13.2940,
12.3820

 242.5590, 6.0960,
10.6720

 3.8870, 7.7480,
2.7560

 0.0000, 0.0000,
0.0000

■ 113.7130, 17.4660,
13.8660

■ 113.7130, 17.4660,
13.8660

■ 104.6970, 23.5630,
19.0110

■ 122.7290, 11.3690,
8.7210

■ 95.5670, 29.9810,
23.8450

■ 131.8590, 4.9510,
3.8870

■ 86.5510, 36.0780,
28.9900

■ 140.8750, -1.1460,
-1.2580

■ 77.4210, 42.4960,
33.8240

■ 150.0050, -7.5640,
-6.0920

■ 68.4050, 48.5930,
38.9690

■ 159.0210,
-13.6610, -11.2370

■ 59.8620, 54.7360,
43.2800

■ 167.5640,
-19.8040, -15.5480

■ 50.8460, 60.8330,
48.4250


■ 176.5800,
-25.9010, -20.6930

■ 48.8570, 62.3000,

■ 185.7100,

49.3720

-32.3190, -25.5270

 194.7260,
-38.4160, -30.6720

Harmonies

Analogous

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



113.5850, 3.2070, 13.4710



113.7130, 17.4660, 13.8660



113.3840, 25.5820, 9.9500

Triad

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



113.7130, 17.4660, 13.8660



109.2380, 10.5930, -10.2630



104.2760, -36.1280, -6.0480

Complementary

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



113.7130, 17.4660, 13.8660



125.2870, -17.4660, -13.8660

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.



103.3700, -33.6970, -11.5610



113.7130, 17.4660, 13.8660



106.9310, -4.7200, -13.5840

Square

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



113.7130, 17.4660, 13.8660



111.0870, 21.5040, -4.2560



105.3190, -20.4920, -14.0920



107.9230, -27.4640, 2.1360

Rectangle

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



113.7130, 17.4660, 13.8660



112.2330, 27.3250, 5.8930



105.3190, -20.4920, -14.0920



103.8090, -36.3110, -8.2390

Sweetspot

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



113.7130, 17.4660, 13.8660



171.8700, 6.4180, 4.8340



110.7250, -0.0030, 16.5810



86.1470, 4.0800, 3.1520



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



113.7130, 17.4660, 13.8660



140.8440, 27.6430, 22.1630



112.2480, 22.9690, 7.7450



64.4350, 3.2090, 2.4170



46.7210, 59.6870, 47.1670



1.7230, 2.3380, 1.6820

Inverse Universe

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



113.7130, 17.4660, 13.8660



140.8440, 27.6430, 22.1630



126.7520, -22.9690, -7.7450



64.4350, 3.2090, 2.4170



46.7210, 59.6870, 47.1670



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 113.7130, 17.4660, 13.8660 looks on a white background.

Color Contrast Check

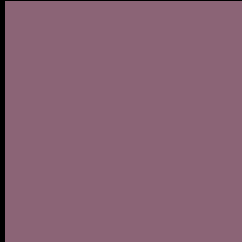
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7130, 17.4660, 13.8660 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 113.7130, 17.4660, 13.8660

Background



This preview shows how black text looks on a background with the YIQ color 113.7130, 17.4660, 13.8660.



This preview shows how white text looks on a background with the YIQ color 113.7130, 17.4660,

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

113.7130, 17.4660, 13.8660

Protanopia

111.9980, -5.6860, 3.9300

Deuteranopia

112.6140, 4.2630, 5.3430



Tritanopia

112.9750, 19.4840, 10.3320

Trichromacy



Original Color

113.7130, 17.4660, 13.8660

Protanomaly

112.5970, 2.9330, 7.4210

Deuteranomaly

112.9460, 9.2600, 8.3960

Tritanomaly

113.3170, 18.5210, 11.2650

Monochromacy



Original Color

113.7130, 17.4660, 13.8660

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7130, 17.4660, 13.8660 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(139, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(139, 100, 118)  
}
```

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(139, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 100, 118) }
```

Border

The CSS property to change the border of an element to YIQ 113.7130, 17.4660, 13.8660 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(139, 100, 118) }
```


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

```
.border{ border-color:rgb(139, 100, 118) }
```

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

Here you see how a box with a 4 pixel rgb(139, 100, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(139, 100,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7130, 17.4660, 13.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 100, 118) }
```

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

```
.background{ background-color: rgb(139,  
100, 118) }
```

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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