

Converting Colors

YIQ(137.4850, 18.1080, 13.2440)

Have a look what the booklet for
YIQ(137.4850, 18.1080, 13.2440)
contains.

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Color

**YIQ(137.4850, 18.1080,
13.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	A37C8C
RGB	163, 124, 140
RGB Percent	64%, 49%, 55%
CMY	0.3607, 0.5138, 0.4509
CMYK	0.00, 0.24, 0.14, 0.36
HSL	335°, 18%, 56%
HSV	335°, 24%, 64%
XYZ	27.0500, 24.0944, 28.0418
YIQ	137.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

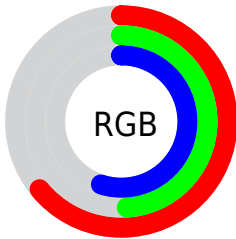
Format	Color
R _Y B	163, 124, 140
Decimal	10714252
CIE Lab	56.18, 17.76, -2.79
CIE LCh	56, 17.975, 351.057
Yxy	24.0944, 0.3416, 0.3043
Android (android.graphics.Color)	4288904332 (0xFFA37C8C)
YUV	137.4850, 1.2399, 22.3767
Hunter-Lab	49.0860, 12.4659, 0.4891

Details

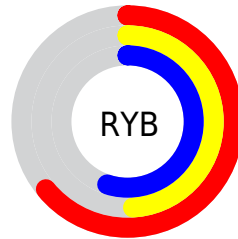
The YIQ color **137.4850, 18.1080, 13.2440** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.5150, -18.1080, -13.2440**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1970, 18.9790, 13.9790**, and **87.4740, 16.6410, 12.2970** is the 20% darker color. If you saturate the color by 10%, you get **126.9530, 25.7180, 18.5020**, and if you desaturate by 10%, it is **148.0170, 10.4980, 7.9860**.

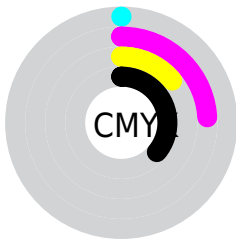
Distribution



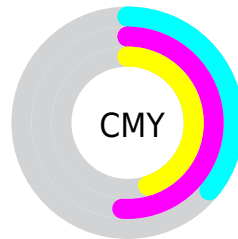
- Red (64%)
- Green (49%)
- Blue (55%)



- Red (64%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (36%)





- Cyan (36%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.4850, 18.1080, 13.2440 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 137.4850, 18.1080, 13.2440 by changing the saturation by 10% instead.


 137.4850, 18.1080,
13.2440


 137.4850, 18.1080,
13.2440


255.0000, -0.0000,
-0.0000


 111.8870, 16.9160,
12.8200


 191.1970, 18.9790,
13.9790


 87.4740, 16.6410,
12.2970


 218.7950, 20.1710,
14.4030

 63.8760, 15.4490,
11.8730

 241.5160, 7.6550,
9.9510

 41.2780, 14.2570,
11.4490

 19.0930, 13.3400,
11.5480

 0.8970, 1.7880,
0.6360

 0.0000, 0.0000,

0.0000

■ 137.4850, 18.1080,
13.2440

■ 137.4850, 18.1080,
13.2440

■ 126.9530, 25.7180,
18.5020

■ 148.0170, 10.4980,
7.9860

■ 115.9480, 33.2820,
24.5940

■ 159.0220, 2.9340,
1.8940

■ 105.4160, 40.8920,
29.8520

■ 169.5540, -4.6760,
-3.3640

■ 94.9980, 48.1810,
35.4210

■ 179.9720,
-11.9650, -8.9330

■ 83.8790, 56.0660,
41.2020

■ 191.0910,
-19.8500, -14.7140

■ 73.3470, 63.6760,
46.4600

■ 201.6230,
-27.4600, -19.9720

■ 62.9290, 70.9650,
52.0290

■ 212.0410,
-34.7490, -25.5410

■ 56.3750, 75.6410,
55.3930

■ 222.5730,
-42.3590, -30.7990

■ 224.1860,
-45.5230, -28.5230

Harmonies

Analogous

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



136.9550, 5.0410, 13.2730



137.4850, 18.1080, 13.2440



136.8570, 25.6280, 9.1160

Triad

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



137.4850, 18.1080, 13.2440



132.7540, 9.0800, -10.3760



129.1840, -32.8730, -4.4650

Complementary

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



137.4850, 18.1080, 13.2440



149.5150, -18.1080, -13.2440

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.



127.9790, -31.0380, -10.1900



137.4850, 18.1080, 13.2440



130.8600, -5.9580, -13.1740

Square

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



137.4850, 18.1080, 13.2440



134.4890, 20.3120, -4.6800



128.8460, -20.5380, -13.2580



132.7060, -25.3550, 2.4610

Rectangle

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



137.4850, 18.1080, 13.2440



136.4070, 26.7750, 4.8470



128.8460, -20.5380, -13.2580



128.5320, -33.9730, -6.5570

Sweetspot

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



137.4850, 18.1080, 13.2440



202.1690, 7.0140, 5.0460



135.3230, 1.1890, 17.0050



101.7340, 3.8050, 2.6290



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.



137.4850, 18.1080, 13.2440



171.3880, 28.9270, 20.9190



137.4220, 22.4190, 6.6990



76.1470, 4.0800, 3.1520



50.1950, 67.1600, 49.4000



6.1800, 8.4810, 5.9930

Inverse Universe

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



137.4850, 18.1080, 13.2440



171.3880, 28.9270, 20.9190



149.5780, -22.4190, -6.6990



76.1470, 4.0800, 3.1520



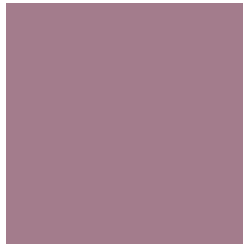
50.1950, 67.1600, 49.4000



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 137.4850, 18.1080, 13.2440 looks on a white background.

Color Contrast Check

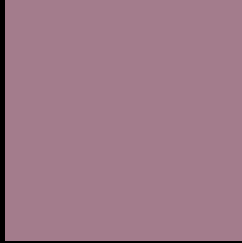
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 137.4850, 18.1080, 13.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

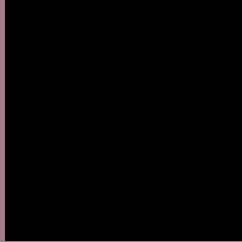
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4850, 18.1080, 13.2440

Background



This preview shows how black text looks on a background with the YIQ color 137.4850, 18.1080, 13.2440.



This preview shows how white text looks on a background with the YIQ color 137.4850, 18.1080,

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

137.4850, 18.1080, 13.2440

Protanopia

135.3680, -3.8520, 3.7320

Deuteranopia

136.3970, 6.3720, 5.6680



Tritanopia

137.2030, 18.8420, 10.9540

Trichromacy



Original Color

137.4850, 18.1080, 13.2440

Protanomaly

136.0810, 4.4460, 7.5340

Deuteranomaly

136.4300, 10.7730, 8.5090

Tritanomaly

137.4310, 18.2000, 11.5760

Monochromacy



Original Color

137.4850, 18.1080, 13.2440

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4850, 18.1080, 13.2440 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, 124, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 124, 140)  
}
```

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, 124, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 124, 140) }
```

Border

The CSS property to change the border of an element to YIQ 137.4850, 18.1080, 13.2440 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, 124, 140) }
```


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

```
.border{ border-color:rgb(163, 124, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 124, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 124, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 124, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 124,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4850, 18.1080, 13.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 124, 140) }
```

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

```
.background{ background-color: rgb(163,  
124, 140) }
```

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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