

Converting Colors

YIQ(133.5480, 21.8240, 0.9600)

Have a look what the booklet for
YIQ(133.5480, 21.8240, 0.9600)
contains.

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Color

**YIQ(133.5480, 21.8240,
0.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7F6F
RGB	155, 127, 111
RGB Percent	61%, 50%, 44%
CMY	0.3921, 0.5020, 0.5646
CMYK	0.00, 0.18, 0.28, 0.39
HSL	22°, 18%, 52%
HSV	22°, 28%, 61%
XYZ	23.9788, 23.2939, 18.2786
YIQ	133.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

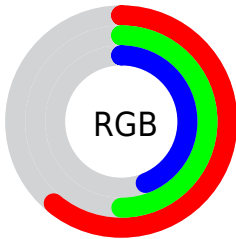
Format	Color
R_{YB}	155, 136, 111
Decimal	10190703
CIE Lab	55.37, 8.29, 12.73
CIE LCh	55, 15.191, 56.923
Yxy	23.2939, 0.3658, 0.3554
Android (android.graphics.Color)	4288380783 (0xFF9B7F6F)
YUV	133.5480, -11.1162, 18.8134
Hunter-Lab	48.2638, 4.2222, 11.3302

Details

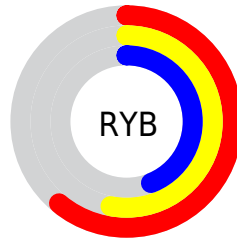
The YIQ color **133.5480, 21.8240, 0.9600** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.4520, -21.8240, -0.9600**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.0320, 23.3370, 1.0730**, and **83.7650, 19.7150, 0.6350** is the 20% darker color. If you saturate the color by 10%, you get **125.9680, 29.3890, 1.5250**, and if you desaturate by 10%, it is **141.2420, 13.9380, 0.7060**.

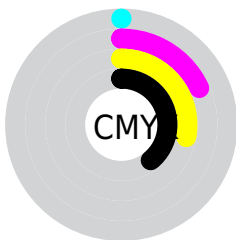
Distribution



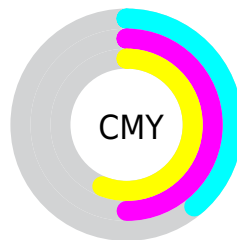
- Red (61%)
- Green (50%)
- Blue (44%)



- Red (61%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5480, 21.8240, 0.9600 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 133.5480, 21.8240, 0.9600 by changing the saturation by 10% instead.

■ 133.5480, 21.8240,
0.9600

■ 133.5480, 21.8240,
0.9600

■ 255.0000, -0.0000,
-0.0000

■ 108.3630, 20.9070,
1.0590

■ 187.0320, 23.3370,
1.0730

■ 83.7650, 19.7150,
0.6350

■ 214.6300, 24.5290,
1.4970

■ 60.2810, 18.2020,
0.5220

■ 239.0420, 17.3770,
-1.0470

■ 38.7970, 16.6890,
0.4090

■ 253.9740, 2.8890,
-2.7990

■ 17.2100, 16.9640,
0.9320

■ 0.0000, 0.0000,
0.0000

■ 133.5480, 21.8240,
0.9600

■ 133.5480, 21.8240,
0.9600

■ 125.9680, 29.3890,
1.5250

■ 141.2420, 13.9380,
0.7060

■ 118.2740, 37.2750,
1.7790

■ 148.8220, 6.3730,
0.1410

■ 110.6940, 44.8400,
2.3440

■ 156.5160, -1.5130,
-0.1130

■ 103.0000, 52.7260,
2.5980

■ 163.5090, -8.8030,
-0.1550

■ 96.0070, 60.0160,
2.6400

■ 171.2030,
-16.6890, -0.4090

■ 88.3130, 67.9020,
2.8940

■ 178.7830,
-24.2540, -0.9740

■ 80.7330, 75.4670,
3.4590

■ 186.4770,
-32.1400, -1.2280

■ 79.2170, 76.9800,

■ 194.0570,

3.5720

-39.7050, -1.7930

■ 201.7510,
-47.5910, -2.0470

Harmonies

Analogous

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



134.4220, 22.4190, 6.6990



133.5480, 21.8240, 0.9600



132.1510, 15.4520, -4.7080

Triad

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



133.5480, 21.8240, 0.9600



127.9110, -19.1630, -10.6430



133.8610, -6.5580, 8.7220

Complementary

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



133.5480, 21.8240, 0.9600



132.4520, -21.8240, -0.9600

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.



131.4680, -18.7530, 3.9590



133.5480, 21.8240, 0.9600



127.5990, -26.9120, -7.8720

Square

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



133.5480, 21.8240, 0.9600



129.4300, -7.5630, -11.6190



129.0600, -26.5920, -2.6560



135.2710, 6.9670, 11.4070

Rectangle

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



133.5480, 21.8240, 0.9600



131.2210, 9.2630, -8.1850



129.0600, -26.5920, -2.6560



132.8820, -11.0510, 7.5490

Sweetspot

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



133.5480, 21.8240, 0.9600



192.4910, 8.8030, 0.1550



127.4620, 16.9150, 18.3470



96.6370, 5.4560, 0.2400



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.



133.5480, 21.8240, 0.9600



168.0070, 33.6530, 1.3410



145.8750, 16.0490, -10.0230



73.1530, 3.9430, 0.1270



71.7970, 69.4150, 3.0070



6.8220, 6.3730, 0.1410

Inverse Universe

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



132.4520, -21.8240, -0.9600



166.5800, -33.9280, -1.8640



120.1250, -16.0490, 10.0230



72.8470, -3.9430, -0.1270



68.2030, -69.4150, -3.0070



6.1780, -6.3730, -0.1410

Previews

White Background



This preview shows how the YIQ color 133.5480, 21.8240, 0.9600 looks on a white background.

Color Contrast Check

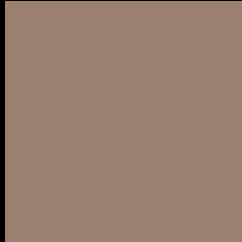
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5480, 21.8240, 0.9600 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 133.5480, 21.8240, 0.9600

Background



This preview shows how black text looks on a background with the YIQ color 133.5480, 21.8240, 0.9600.



This preview shows how white text looks on a background with the YIQ color 133.5480, 21.8240,

0.9600.

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

133.5480, 21.8240, 0.9600

Protanopia

132.3400, 10.5460, -3.9020

Deuteranopia

133.5370, 20.3570, 0.0130



Tritanopia

135.1920, 17.3750, 10.0070

Trichromacy



Original Color

133.5480, 21.8240, 0.9600

Protanomaly

132.5470, 14.3970, -2.1070

Deuteranomaly

133.8360, 20.9530, 0.2250

Tritanomaly

134.5680, 19.0720, 6.7840

Monochromacy



Original Color

133.5480, 21.8240, 0.9600

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7190, 8.1610, 0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5480, 21.8240, 0.9600 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(155, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 111)  
}
```

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(155, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 111) }
```

Border

The CSS property to change the border of an element to YIQ 133.5480, 21.8240, 0.9600 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(155, 127, 111) }
```


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

```
.border{ border-color:rgb(155, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(155, 127,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5480, 21.8240, 0.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 111) }
```

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

```
.background{ background-color: rgb(155,  
127, 111) }
```

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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