

Converting Colors

YIQ(133.6820, 17.6100,
-21.7980)

Have a look what the booklet for
YIQ(133.6820, 17.6100, -21.7980)
contains.

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Color

**YIQ(133.6820, 17.6100,
-21.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	898F4D
RGB	137, 143, 77
RGB Percent	54%, 56%, 30%
CMY	0.4628, 0.4392, 0.6979
CMYK	0.04, 0.00, 0.46, 0.44
HSL	65°, 30%, 43%
HSV	65°, 46%, 56%
XYZ	21.4777, 25.4991, 10.8167
YIQ	133.6820, 17.6100, -21.7980

Conversions

Conversions Part 2

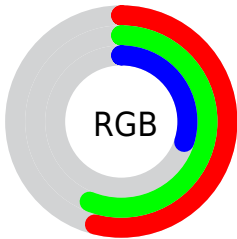
Format	Color
R_{YB}	77, 143, 83
Decimal	9015117
CIE Lab	57.56, -12.52, 34.20
CIE LCh	58, 36.416, 110.103
Yxy	25.4991, 0.3716, 0.4412
Android (android.graphics.Color)	4287205197 (0xFF898F4D)
YUV	133.6820, -27.9442, 2.9099
Hunter-Lab	50.4966, -12.4478, 22.6473

Details

The YIQ color **133.6820, 17.6100, -21.7980** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **86.3180, -17.6100, 21.7980**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.5250, 19.4900, -22.8300**, and **83.3120, 15.7760, -21.6000** is the 20% darker color. If you saturate the color by 10%, you get **131.7870, 21.5080, -26.3640**, and if you desaturate by 10%, it is **135.5770, 13.7120, -17.2320**.

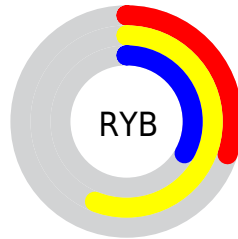
Distribution



Red (54%)

Green (56%)

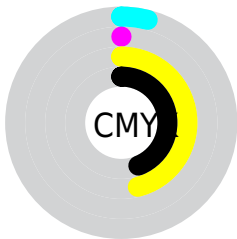
Blue (30%)



Red (30%)

Yellow (56%)

Blue (33%)

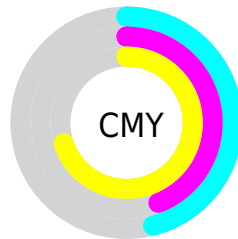


Cyan (4%)

Magenta (0%)

Yellow (46%)

Black (44%)



Cyan (46%)


Magenta (44%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.6820, 17.6100, -21.7980 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 133.6820, 17.6100, -21.7980 by changing the saturation by 10% instead.


 133.6820, 17.6100,
-21.7980


 133.6820, 17.6100,
-21.7980


255.0000, -0.0000,
-0.0000


 107.9100, 16.9680,
-21.1760


 187.5250, 19.4900,
-22.8300


 83.3120, 15.7760,
-21.6000


 215.4110, 19.8110,
-23.1410


 59.1980, 16.0970,
-21.9110


 243.5960, 20.7280,
-23.2400

 38.9510, 9.7230,
-16.5250

 249.7560, 14.7660,
-14.3060

 18.8390, -1.4650,
-12.0010

 252.9480, 5.7780,
-5.5980

 0.0000, 0.0000,
0.0000

■ 133.6820, 17.6100,
-21.7980

■ 133.6820, 17.6100,
-21.7980

■ 131.7870, 21.5080,
-26.3640

■ 135.5770, 13.7120,
-17.2320

■ 129.4790, 25.1310,
-31.4530

■ 137.8850, 10.0890,
-12.1430

■ 127.5840, 29.0290,
-36.0190

■ 139.7800, 6.1910,
-7.5770

■ 125.6890, 32.9270,
-40.5850

■ 141.6750, 2.2930,
-3.0110

■ 123.4950, 36.2290,
-45.3630

■ 143.9830, -1.3300,
2.0780

■ 122.8110, 38.1550,
-47.2290

■ 145.8780, -5.2280,
6.6440

■ 147.7730, -9.1260,
11.2100

■ 149.6680,

-13.0240, 15.7760

■ 151.9760,
-16.6470, 20.8650

Harmonies

Analogous

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



136.8530, 39.4780, -10.6180



133.6820, 17.6100, -21.7980



128.8940, -12.4660, -27.3940

Triad

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



133.6820, 17.6100, -21.7980



110.4280, -101.5060, -21.6500



141.7250, 35.5280, 27.9440

Complementary

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



133.6820, 17.6100, -21.7980



86.3180, -17.6100, 21.7980

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.



142.2520, 9.1190, 27.4790



133.6820, 17.6100, -21.7980



127.9480, -64.1430, 0.5690

Square

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



133.6820, 17.6100, -21.7980



109.1110, -93.6640, -31.6160



138.6050, -25.9080, 17.9960



140.1700, 49.9720, 19.4760

Rectangle

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



133.6820, 17.6100, -21.7980



124.2640, -36.9950, -28.8910



138.6050, -25.9080, 17.9960



142.0600, 27.2750, 28.8350

Sweetspot

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



133.6820, 17.6100, -21.7980



182.4380, 7.1540, -8.5100



100.2560, 37.6860, 10.8540



91.8770, 4.5400, -5.1880



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



133.6820, 17.6100, -21.7980



171.6810, 27.3780, -33.6300



124.1140, -1.4620, -28.5820



70.2020, 2.2470, -2.1770



116.0220, 36.1830, -44.5290



6.7890, 1.9720, -2.7000

Inverse Universe

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



86.3180, -17.6100, 21.7980



98.3190, -27.3780, 33.6300



96.1850, 2.0580, 28.7940



65.0970, -1.6510, 2.3890



18.9780, -36.1830, 44.5290



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 133.6820, 17.6100, -21.7980 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 133.6820, 17.6100, -21.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

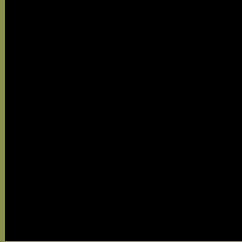
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.6820, 17.6100, -21.7980

Background



This preview shows how black text looks on a background with the YIQ color 133.6820, 17.6100, -21.7980.



This preview shows how white text looks on a background with the YIQ color 133.6820, 17.6100,

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

133.6820, 17.6100, -21.7980

Protanopia

135.0040, 28.5670, -16.6250

Deuteranopia

136.8360, 38.1480, -8.5400



Tritanopia

139.2440, 2.4290, 5.5410

Trichromacy



Original Color

133.6820, 17.6100, -21.7980

Protanomaly

134.7970, 24.7160, -18.4200

Deuteranomaly

135.7810, 30.8130, -13.2750

Tritanomaly

137.2580, 7.8410, -4.4390

Monochromacy



Original Color

133.6820, 17.6100, -21.7980

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.6660, 6.5120, -7.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6820, 17.6100, -21.7980 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(137, 143, 77)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 77)  
}
```

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(137, 143, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 77) }
```

Border

The CSS property to change the border of an element to YIQ 133.6820, 17.6100, -21.7980 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(137, 143, 77) }
```


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

```
.border{ border-color:rgb(137, 143, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 77);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6820, 17.6100, -21.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 77) }
```

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

```
.background{ background-color: rgb(137,  
143, 77) }
```

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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