

Converting Colors

YIQ(133.7150, 22.0110,
-18.9570)

Have a look what the booklet for
YIQ(133.7150, 22.0110, -18.9570)
contains.

YIQ(133.7150, 22.0110, -18.9570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(133.7150, 22.0110,
-18.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8C4D
RGB	143, 140, 77
RGB Percent	56%, 55%, 30%
CMY	0.4392, 0.4510, 0.6979
CMYK	0.00, 0.02, 0.46, 0.44
HSL	57°, 30%, 43%
HSV	57°, 46%, 56%
XYZ	22.0449, 25.1310, 10.7165
YIQ	133.7150, 22.0110, -18.9570

Conversions

Conversions Part 2

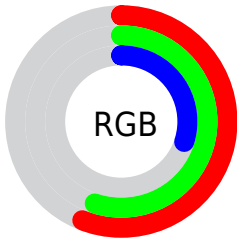
Format	Color
R_{YB}	80, 143, 77
Decimal	9407565
CIE Lab	57.20, -8.33, 33.87
CIE LCh	57, 34.879, 103.809
Yxy	25.1310, 0.3808, 0.4341
Android (android.graphics.Color)	4287597645 (0xFF8F8C4D)
YUV	133.7150, -27.9605, 8.1429
Hunter-Lab	50.1308, -9.2338, 22.4171

Details

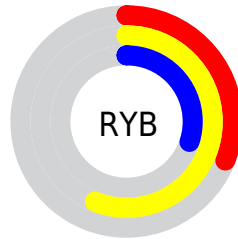
The YIQ color **133.7150, 22.0110, -18.9570** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **86.2850, -22.0110, 18.9570**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.9710, 24.1660, -19.4660**, and **83.4590, 19.8560, -18.4480** is the 20% darker color. If you saturate the color by 10%, you get **131.5320, 26.7800, -22.7880**, and if you desaturate by 10%, it is **135.8980, 17.2420, -15.1260**.

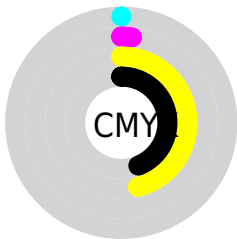
Distribution



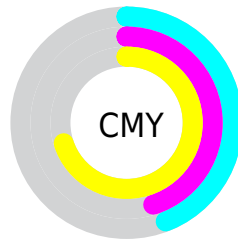
- Red (56%)
- Green (55%)
- Blue (30%)



- Red (31%)
- Yellow (56%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (46%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.7150, 22.0110, -18.9570 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 133.7150, 22.0110, -18.9570 by changing the saturation by 10% instead.

 133.7150, 22.0110,
-18.9570


 133.7150, 22.0110,
-18.9570


255.0000, -0.0000,
-0.0000


 108.5300, 21.0940,
-18.8580


 186.9710, 24.1660,
-19.4660

 83.4590, 19.8560,
-18.4480

 214.8570, 24.4870,
-19.7770


 59.6330, 19.3060,
-19.4940

 243.6290, 25.1290,
-20.3990

 39.2720, 13.2530,
-14.4190

 249.7560, 14.7660,
-14.3060

 19.7580, 3.2570,
-9.4710

 252.9480, 5.7780,
-5.5980

 0.0000, 0.0000,
0.0000

■ 133.7150, 22.0110,
-18.9570

■ 133.7150, 22.0110,
-18.9570

■ 131.5320, 26.7800,
-22.7880

■ 135.8980, 17.2420,
-15.1260

■ 129.8220, 31.5950,
-27.4530

■ 137.6080, 12.4270,
-10.4610

■ 127.6390, 36.3640,
-31.2840

■ 139.7910, 7.6580,
-6.6300

■ 125.4560, 41.1330,
-35.1150

■ 141.9740, 2.8890,
-2.7990

■ 123.8600, 45.6270,
-39.4690

■ 143.6840, -1.9260,
1.8660

■ 123.1760, 47.5530,
-41.3350

■ 145.8670, -6.6950,
5.6970

■ 148.0500,
-11.4640, 9.5280

■ 149.6460,

-15.9580, 13.8820

■ 151.9430,
-21.0480, 18.0240

Harmonies

Analogous

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



136.4450, 40.8070, -7.1690



133.7150, 22.0110, -18.9570



129.9550, -5.2680, -25.6840

Triad

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



133.7150, 22.0110, -18.9570



109.0430, -98.9840, -23.3040



140.7890, 29.4760, 27.4920

Complementary

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



133.7150, 22.0110, -18.9570



86.2850, -22.0110, 18.9570

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.



140.6640, 1.9670, 24.9350



133.7150, 22.0110, -18.9570



124.6870, -67.9020, -2.8940

Square

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



133.7150, 22.0110, -18.9570



107.0250, -90.5460, -33.0580



136.5610, -31.7760, 14.2080



139.0710, 45.9370, 21.0170

Rectangle

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



133.7150, 22.0110, -18.9570



125.8800, -27.0460, -27.4780



136.5610, -31.7760, 14.2080



141.5970, 21.2690, 27.5490

Sweetspot

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



133.7150, 22.0110, -18.9570



182.4490, 8.6210, -7.5630



97.0760, 38.3730, 14.9250



92.1760, 5.1360, -4.9760



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.



133.7150, 22.0110, -18.9570



172.0240, 33.8420, -29.6300



126.5060, 3.3060, -26.8860



70.2020, 2.2470, -2.1770



116.0880, 44.9850, -38.8470



6.5010, 2.8430, -1.9650

Inverse Universe

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



86.2850, -22.0110, 18.9570



97.9760, -33.8420, 29.6300



93.4940, -3.3060, 26.8860



65.3850, -2.5220, 1.6540



18.9120, -44.9850, 38.8470



0.9120, -2.5680, 2.4880

Previews

White Background



This preview shows how the YIQ color 133.7150, 22.0110, -18.9570 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 133.7150, 22.0110, -18.9570 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 133.7150, 22.0110, -18.9570

Background



This preview shows how black text looks on a background with the YIQ color 133.7150, 22.0110, -18.9570.



This preview shows how white text looks on a background with the YIQ color 133.7150, 22.0110,

-18.9570.

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

133.7150, 22.0110, -18.9570

Protanopia

134.2320, 27.9250, -16.0030

Deuteranopia

135.8360, 38.1480, -8.5400



Tritanopia

138.6360, 7.1970, 7.2370

Trichromacy



Original Color

133.7150, 22.0110, -18.9570

Protanomaly

133.9220, 25.8620, -17.1620

Deuteranomaly

134.7920, 32.2800, -12.3280

Tritanomaly

136.7640, 12.2880, -2.4320

Monochromacy



Original Color

133.7150, 22.0110, -18.9570

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.6770, 7.9790, -6.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7150, 22.0110, -18.9570 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(143, 140, 77)` looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 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(143, 140, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 77) }
```

Border

The CSS property to change the border of an element to YIQ 133.7150, 22.0110, -18.9570 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(143, 140, 77) }
```


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

```
.border{ border-color:rgb(143, 140, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 140, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 77);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7150, 22.0110, -18.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 77) }
```

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

```
.background{ background-color: rgb(143,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor