

Converting Colors

YIQ(133.1770, -5.7730,
-22.0370)

Have a look what the booklet for
YIQ(133.1770, -5.7730, -22.0370)
contains.

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Color

**YIQ(133.1770, -5.7730,
-22.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	729566
RGB	114, 149, 102
RGB Percent	45%, 58%, 40%
CMY	0.5531, 0.4156, 0.6000
CMYK	0.24, 0.00, 0.32, 0.42
HSL	105°, 19%, 49%
HSV	105°, 32%, 58%
XYZ	20.0839, 26.0344, 16.5379
YIQ	133.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

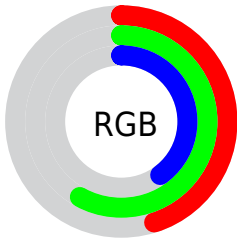
Format	Color
RYB	102, 149, 137
Decimal	7509350
CIELab	58.07, -21.46, 21.00
CIELCh	58, 30.020, 135.619
Yxy	26.0344, 0.3205, 0.4155
Android (android.graphics.Color)	4285699430 (0xFF729566)
YUV	133.1770, -15.3703, -16.8182
Hunter-Lab	51.0239, -19.0311, 16.4996

Details

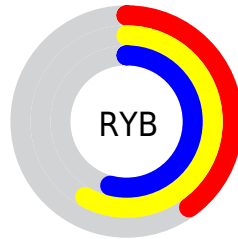
The YIQ color $133.1770, -5.7730, -22.0370$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $117.8230, 5.7730, 22.0370$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.5360, -5.4060, -23.1820$, and $83.2310, -5.8650, -20.3690$ is the 20% darker color. If you saturate the color by 10%, you get $128.1780, -7.5140, -29.0340$, and if you desaturate by 10%, it is $138.1760, -4.0320, -15.0400$.

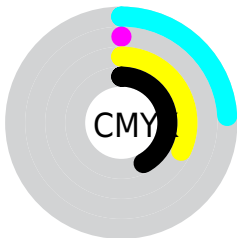
Distribution



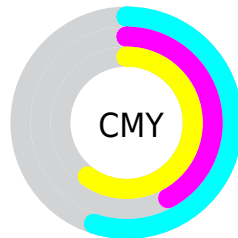
- Red (45%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (54%)



- Cyan (24%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1770, -5.7730, -22.0370 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 133.1770, -5.7730, -22.0370 by changing the saturation by 10% instead.


 133.1770, -5.7730,
-22.0370


 133.1770, -5.7730,
-22.0370


255.0000, -0.0000,
-0.0000

 107.7040, -5.8190,
-21.2030


 186.5360, -5.4060,
-23.1820


 83.2310, -5.8650,
-20.3690


 214.1230, -5.6810,
-23.7050

 59.3450, -6.1860,
-20.0580

 239.7750, -4.5810,
-21.6130

 36.4590, -6.5070,
-19.7470

 251.6380, 3.7150,
-6.7570

 18.1970, -8.5250,
-16.2130

 0.0000, 0.0000,
0.0000

■ 133.1770, -5.7730,
-22.0370

■ 133.1770, -5.7730,
-22.0370

■ 128.1780, -7.5140,
-29.0340

■ 138.1760, -4.0320,
-15.0400

■ 123.1790, -9.2550,
-36.0310

■ 143.1750, -2.2910,
-8.0430

■ 118.1800,
-10.9960, -43.0280

■ 148.1740, -0.5500,
-1.0460

■ 113.1810,
-12.7370, -50.0250

■ 153.1730, 1.1910,
5.9510

■ 107.8830,
-15.0740, -57.2340

■ 158.4710, 3.5280,
13.1600

■ 102.9980,
-17.1360, -63.9200

■ 163.3560, 5.5900,
19.8460

■ 98.8250, -18.3270,
-69.8710

■ 168.3550, 7.3310,
26.8430

■ 173.3540, 9.0720,

33.8400

■ 178.3530, 10.8130,
40.8370

Harmonies

Analogous

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



136.4420, 18.5260, -16.3700



133.1770, -5.7730, -22.0370



128.6930, -33.6490, -23.4490

Triad

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



133.1770, -5.7730, -22.0370



131.8800, -52.2680, 0.1160



142.0270, 40.0690, 17.2290

Complementary

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



133.1770, -5.7730, -22.0370



117.8230, 5.7730, 22.0370

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.



143.1860, 26.6800, 23.0960



133.1770, -5.7730, -22.0370



139.4540, -24.1650, 13.9390

Square

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



133.1770, -5.7730, -22.0370



122.7540, -70.0090, -14.2730



143.0400, 3.6640, 21.7120



140.7310, 43.4180, 6.0900

Rectangle

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



133.1770, -5.7730, -22.0370



124.7540, -52.8140, -23.0380



143.0400, 3.6640, 21.7120



142.1670, 36.8590, 20.3390

Sweetspot

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



133.1770, -5.7730, -22.0370



188.0610, -1.9700, -8.3540



136.0110, 18.6620, -7.8180



93.3540, -1.2370, -5.1170



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.1770, -5.7730, -22.0370



169.1190, -9.0260, -34.6740



130.8430, -16.4560, -21.1600



71.4080, -1.3290, -3.4490



91.4710, -17.0900, -64.7540



6.7670, -0.9620, -4.5940

Inverse Universe

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



117.8230, 5.7730, 22.0370



144.8810, 9.0260, 34.6740



120.1570, 16.4560, 21.1600



69.2930, 0.7330, 3.2370



46.5290, 17.0900, 64.7540



3.5320, 1.5580, 4.8060

Previews

White Background



This preview shows how the YIQ color 133.1770, -5.7730, -22.0370 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 133.1770, -5.7730, -22.0370 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 133.1770, -5.7730, -22.0370

Background



This preview shows how black text looks on a background with the YIQ color 133.1770, -5.7730, -22.0370.



This preview shows how white text looks on a background with the YIQ color 133.1770, -5.7730,

-22.0370.

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

133.1770, -5.7730, -22.0370

Protanopia

137.6150, 19.7170, -10.4190

Deuteranopia

139.0770, 27.4640, -2.1360



Tritanopia

137.3880, -15.7720, -0.5080

Trichromacy



Original Color

133.1770, -5.7730, -22.0370

Protanomaly

136.1900, 10.5480, -14.9560

Deuteranomaly

137.1030, 15.4070, -9.4010

Tritanomaly

136.0860, -12.2860, -8.6220

Monochromacy



Original Color

133.1770, -5.7730, -22.0370

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1750, -2.2910, -8.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1770, -5.7730, -22.0370 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(114, 149, 102)` looks like.

```
.text, #text, p{  
    color:rgb(114, 149, 102)  
}
```

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(114, 149, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 149, 102) }
```

Border

The CSS property to change the border of an element to YIQ 133.1770, -5.7730, -22.0370 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(114, 149, 102) }
```


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

```
.border{ border-color:rgb(114, 149, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 149, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 149, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 149, 102);  
box-shadow:4px 4px 4px 4px rgb(114, 149,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1770, -5.7730, -22.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 149, 102) }
```

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

```
.background{ background-color: rgb(114,  
149, 102) }
```

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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