

Converting Colors

YIQ(133.7750, -21.7760,
-12.8480)

Have a look what the booklet for
YIQ(133.7750, -21.7760, -12.8480)
contains.

YIQ(133.7750, -21.7760, -12.8480)	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(133.7750, -21.7760,
-12.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	699488
RGB	105, 148, 136
RGB Percent	41%, 58%, 53%
CMY	0.5883, 0.4195, 0.4667
CMYK	0.29, 0.00, 0.08, 0.42
HSL	163°, 17%, 50%
HSV	163°, 29%, 58%
XYZ	20.8577, 25.9640, 27.1975
YIQ	133.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

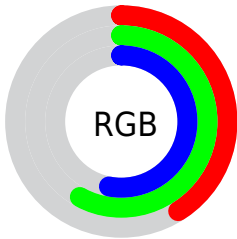
Format	Color
R_{YB}	105, 130, 148
Decimal	6919304
CIE _{Lab}	58.00, -17.39, 1.64
CIE _{LCh}	58, 17.468, 174.629
Yxy	25.9640, 0.2818, 0.3508
Android (android.graphics.Color)	4285109384 (0xFF699488)
YUV	133.7750, 1.0969, -25.2357
Hunter-Lab	50.9549, -16.1047, 4.0221

Details

The YIQ color $133.7750, -21.7760, -12.8480$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $119.2250, 21.7760, 12.8480$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.0630, -22.6470, -13.5830$, and $83.4870, -20.9050, -12.1130$ is the 20% darker color. If you saturate the color by 10%, you get $128.8340, -29.4320, -17.2720$, and if you desaturate by 10%, it is $138.7160, -14.1200, -8.4240$.

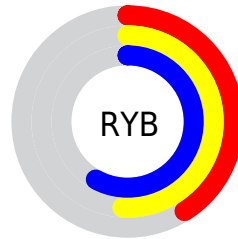
Distribution



Red (41%)

Green (58%)

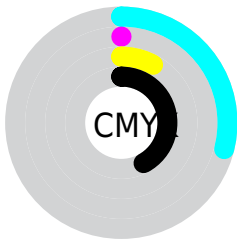
Blue (53%)



Red (41%)

Yellow (51%)

Blue (58%)

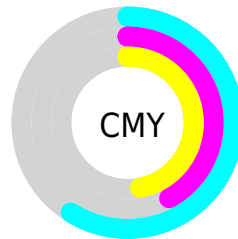


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7750, -21.7760, -12.8480 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 133.7750, -21.7760, -12.8480 by changing the saturation by 10% instead.

■ 133.7750,
-21.7760, -12.8480

■ 133.7750,
-21.7760, -12.8480

■ 255.0000, -0.0000,
-0.0000

■ 108.1880,
-21.5010, -12.3250

■ 187.0630,
-22.6470, -13.5830

■ 83.4870, -20.9050,
-12.1130

■ 215.0630,
-22.6470, -13.5830

■ 59.6010, -21.2260,
-11.8020

■ 241.3020,
-21.8220, -12.0140

■ 35.8180, -23.3350,
-12.1270

■ 250.8140, -8.3440,
-2.9680

■ 20.0040, -14.9910,
-9.1590

■ 0.0000, 0.0000,
0.0000

■ 133.7750,
-21.7760, -12.8480

■ 133.7750,
-21.7760, -12.8480

■ 128.8340,
-29.4320, -17.2720

■ 138.7160,
-14.1200, -8.4240

■ 123.8930,
-37.0880, -21.6960

■ 143.6570, -6.4640,
-4.0000

■ 119.2510,
-44.1480, -25.9080

■ 148.2990, 0.5960,
0.2120

■ 114.1960,
-51.4830, -30.6430

■ 153.3540, 7.9310,
4.9470

■ 109.2550,
-59.1390, -35.0670

■ 158.2950, 15.5870,
9.3710

■ 104.3140,
-66.7950, -39.4910

■ 163.2360, 23.2430,
13.7950

■ 99.3730, -74.4510,
-43.9150


■ 168.1770, 30.8990,
18.2190

■ 99.0740, -75.0470,

■ 172.8190, 37.9590,

-44.1270

22.4310

 177.7600, 45.6150,
26.8550

Harmonies

Analogous

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



135.3760, -7.4710, -13.2870



133.7750, -21.7760, -12.8480



133.2070, -31.6800, -9.5680

Triad

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



133.7750, -21.7760, -12.8480



140.4310, -8.1630, 10.2770



140.8150, 25.4460, 1.3980

Complementary

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



133.7750, -21.7760, -12.8480



119.2250, 21.7760, 12.8480

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.



141.3300, 25.6740, 8.2820



133.7750, -21.7760, -12.8480



142.3250, 6.8750, 13.0750

Square

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



133.7750, -21.7760, -12.8480



137.9020, -22.9710, 3.3090



142.2570, 18.7500, 12.6220



138.8910, 19.1200, -5.1040

Rectangle

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



133.7750, -21.7760, -12.8480



134.1300, -32.7810, -6.1330



142.2570, 18.7500, 12.6220



140.6950, 25.9040, 4.1120

Sweetspot

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



133.7750, -21.7760, -12.8480



185.3470, -8.5270, -5.1590



133.8290, -4.6730, -19.9450



93.3690, -5.5930, -3.2650



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.



133.7750, -21.7760, -12.8480



168.9150, -34.1540, -19.8020



129.8600, -23.1530, -4.4090



71.6790, -3.5300, -2.1060



92.2920, -69.7290, -41.3850



6.6680, -4.9970, -3.0530

Inverse Universe

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



119.2250, 21.7760, 12.8480



146.1990, 33.8330, 20.1130



123.1400, 23.1530, 4.4090



69.3210, 3.5300, 2.1060



45.7080, 69.7290, 41.3850



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 133.7750, -21.7760, -12.8480 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 133.7750, -21.7760, -12.8480 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 133.7750, -21.7760, -12.8480 Background



This preview shows how black text looks on a background with the YIQ color 133.7750, -21.7760, -12.8480.



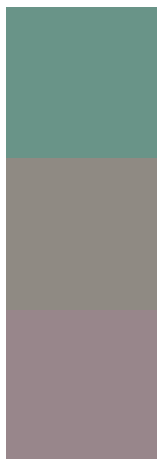
This preview shows how white text looks on a background with the YIQ color 133.7750, -21.7760, -12.8480.

-12.8480.

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

133.7750, -21.7760, -12.8480

Protanopia

138.6970, 5.2270, -1.1170

Deuteranopia

139.9520, 9.1230, 5.3710



Tritanopia

135.6040, -25.3080, -3.9000

Trichromacy



Original Color

133.7750, -21.7760, -12.8480

Protanomaly

137.0870, -4.8590, -5.5550

Deuteranomaly

137.6900, -2.0630, -1.1590

Tritanomaly

134.9800, -23.6110, -7.1230

Monochromacy



Original Color

133.7750, -21.7760, -12.8480

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7600, -8.2520, -4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7750, -21.7760, -12.8480 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(105, 148, 136)` looks like.

```
.text, #text, p{  
    color:rgb(105, 148, 136)  
}
```

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(105, 148, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 148, 136) }
```

Border

The CSS property to change the border of an element to YIQ 133.7750, -21.7760, -12.8480 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(105, 148, 136) }
```


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

```
.border{ border-color:rgb(105, 148, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 148, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 148, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 148, 136);  
box-shadow:4px 4px 4px 4px rgb(105, 148,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7750, -21.7760, -12.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 148, 136) }
```

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

```
.background{ background-color: rgb(105,  
148, 136) }
```

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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