

Converting Colors

YIQ(137.3080, -12.7910,
-4.9750)

Have a look what the booklet for
YIQ(137.3080, -12.7910, -4.9750)
contains.

YIQ(137.3080, -12.7910, -4.9750)	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(137.3080, -12.7910,
-4.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	7A908F
RGB	122, 144, 143
RGB Percent	48%, 56%, 56%
CMY	0.5216, 0.4352, 0.4393
CMYK	0.15, 0.00, 0.01, 0.44
HSL	177°, 9%, 52%
HSV	177°, 15%, 56%
XYZ	22.9557, 26.0687, 29.8034
YIQ	137.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

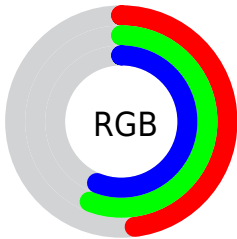
Format	Color
R_{YB}	122, 133, 144
Decimal	8032399
CIE _{Lab}	58.10, -8.03, -2.09
CIE _{LCh}	58, 8.297, 194.623
Yxy	26.0687, 0.2912, 0.3307
Android (android.graphics.Color)	4286222479 (0xFF7A908F)
YUV	137.3080, 2.8062, -13.4251
Hunter-Lab	51.0575, -9.0960, 1.1314

Details

The YIQ color $137.3080, -12.7910, -4.9750$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $128.6920, 12.7910, 4.9750$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.0090, -13.3870, -5.1870$, and $87.6070, -12.1950, -4.7630$ is the 20% darker color. If you saturate the color by 10%, you get $133.0080, -20.8140, -8.2540$, and if you desaturate by 10%, it is $141.6080, -4.7680, -1.6960$.

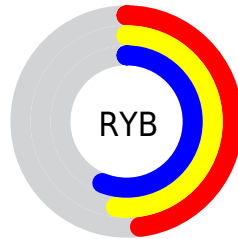
Distribution



Red (48%)

Green (56%)

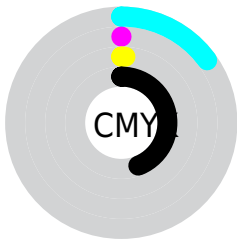
Blue (56%)



Red (48%)

Yellow (52%)

Blue (56%)

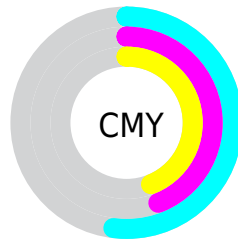


Cyan (15%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3080, -12.7910, -4.9750 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 137.3080, -12.7910, -4.9750 by changing the saturation by 10% instead.

■ 137.3080,
-12.7910, -4.9750

■ 137.3080,
-12.7910, -4.9750

■ 255.0000, -0.0000,
-0.0000

■ 111.6070,
-12.1950, -4.7630

■ 191.0090,
-13.3870, -5.1870

■ 87.6070, -12.1950,
-4.7630

■ 218.7100,
-13.9830, -5.3990

■ 63.9060, -11.5990,
-4.5510

■ 246.7100,
-13.9830, -5.3990

■ 41.9060, -11.5990,
-4.5510

■ 20.6070, -12.1950,
-4.7630

■ 0.0000, 0.0000,
0.0000

■ 137.3080,
-12.7910, -4.9750

■ 137.3080,
-12.7910, -4.9750

■ 133.0080,
-20.8140, -8.2540

■ 141.6080, -4.7680,
-1.6960

■ 128.5230,
-29.7540, -11.4340

■ 146.0930, 4.1720,
1.4840

■ 124.2230,
-37.7770, -14.7130

■ 150.3930, 12.1950,
4.7630

■ 119.6240,
-46.3960, -18.2040

■ 154.9920, 20.8140,
8.2540

■ 115.4380,
-54.7400, -21.1720

■ 159.1780, 29.1580,
11.2220

■ 111.1380,
-62.7630, -24.4510

■ 163.4780, 37.1810,
14.5010

■ 106.5390,
-71.3820, -27.9420


■ 168.0770, 45.8000,
17.9920


■ 102.3530,

■ 172.2630, 54.1440,

-79.7260, -30.9100

20.9600

 100.1460,
-83.5770, -32.7050

 176.8620, 62.7630,
24.4510

Harmonies

Analogous

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



137.7060, -8.1600, -6.3040



137.3080, -12.7910, -4.9750



137.8180, -14.1670, -2.0630

Triad

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



137.3080, -12.7910, -4.9750



140.8740, 0.5950, 5.7390



139.9210, 10.4080, -1.4000

Complementary

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



137.3080, -12.7910, -4.9750



128.6920, 12.7910, 4.9750

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.



140.6980, 12.6540, 1.9500



137.3080, -12.7910, -4.9750



141.1090, 7.2430, 6.4030

Square

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



137.3080, -12.7910, -4.9750



140.1120, -6.0070, 4.2410



141.0940, 11.5990, 4.5510



139.0020, 5.6860, -3.9300

Rectangle

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



137.3080, -12.7910, -4.9750



138.3560, -12.7460, -0.2820



141.0940, 11.5990, 4.5510



140.0460, 11.5540, -0.1420

Sweetspot

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



137.3080, -12.7910, -4.9750



183.3090, -5.3640, -1.9080



135.2130, -5.4540, -11.2940



92.5050, -2.9800, -1.0600



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.



137.3080, -12.7910, -4.9750



176.0190, -19.3470, -7.3070



131.5520, -10.3620, 0.5660



68.9070, -4.1720, -1.4840



93.9510, -78.5340, -30.4860



5.4940, -4.4470, -2.0070

Inverse Universe

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



128.6920, 12.7910, 4.9750



162.9810, 19.3470, 7.3070



134.4480, 10.3620, -0.5660



66.2070, 3.8510, 1.7950



41.0490, 78.5340, 30.4860



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 137.3080, -12.7910, -4.9750 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 137.3080, -12.7910, -4.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

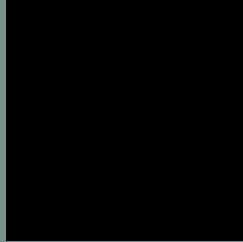
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3080, -12.7910, -4.9750

Background



This preview shows how black text looks on a background with the YIQ color 137.3080, -12.7910, -4.9750.



This preview shows how white text looks on a background with the YIQ color 137.3080, -12.7910, -4.9750.

-4.9750.

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

137.3080, -12.7910, -4.9750

Protanopia

140.0110, 1.4670, 0.9470

Deuteranopia

140.6250, 5.7300, 6.2900



Tritanopia

137.9860, -14.5800, -0.0840

Trichromacy



Original Color

137.3080, -12.7910, -4.9750

Protanomaly

139.2060, -3.5760, -1.2720

Deuteranomaly

139.2820, -0.7340, 2.2900

Tritanomaly

137.8180, -14.1670, -2.0630

Monochromacy



Original Color

137.3080, -12.7910, -4.9750

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.4940, -4.4470, -2.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3080, -12.7910, -4.9750 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(122, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(122, 144, 143)  
}
```

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(122, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 144, 143) }
```

Border

The CSS property to change the border of an element to YIQ 137.3080, -12.7910, -4.9750 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(122, 144, 143) }
```


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

```
.border{ border-color:rgb(122, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(122, 144,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3080, -12.7910, -4.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 144, 143) }
```

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

```
.background{ background-color: rgb(122,  
144, 143) }
```

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