

Converting Colors

YIQ(137.4160, -4.9480,
-20.4680)

Have a look what the booklet for
YIQ(137.4160, -4.9480, -20.4680)
contains.

YIQ(137.4160, -4.9480, -20.4680)	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(137.4160, -4.9480,
-20.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	78986C
RGB	120, 152, 108
RGB Percent	47%, 60%, 42%
CMY	0.5295, 0.4039, 0.5765
CMYK	0.21, 0.00, 0.29, 0.40
HSL	104°, 18%, 51%
HSV	104°, 29%, 60%
XYZ	21.6794, 27.5348, 18.3605
YIQ	137.4160, -4.9480, -20.4680

Conversions

Conversions Part 2

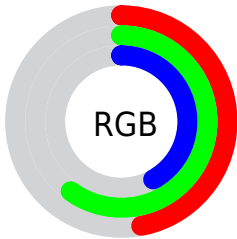
Format	Color
R _Y B	108, 152, 140
Decimal	7903340
CIE Lab	59.47, -19.79, 19.62
CIE LCh	59, 27.866, 135.244
Yxy	27.5348, 0.3208, 0.4075
Android (android.graphics.Color)	4286093420 (0xFF78986C)
YUV	137.4160, -14.5021, -15.2738
Hunter-Lab	52.4736, -18.0816, 15.9859

Details

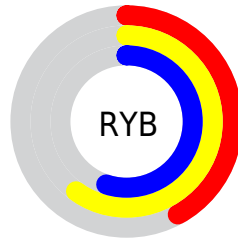
The YIQ color $137.4160, -4.9480, -20.4680$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $122.5840, 4.9480, 20.4680$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $190.8890, -4.9020, -21.3020$, and $87.0570, -5.3150, -19.3230$ is the 20% darker color. If you saturate the color by 10%, you get $132.4170, -6.6890, -27.4650$, and if you desaturate by 10%, it is $142.4150, -3.2070, -13.4710$.

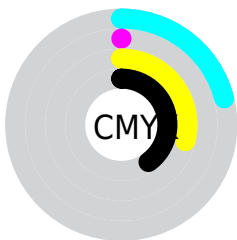
Distribution



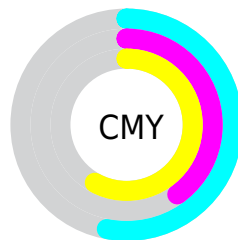
- Red (47%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4160, -4.9480, -20.4680 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 137.4160, -4.9480, -20.4680 by changing the saturation by 10% instead.


 137.4160, -4.9480,
-20.4680


 137.4160, -4.9480,
-20.4680


255.0000, -0.0000,
-0.0000


 111.9430, -4.9940,
-19.6340


 190.8890, -4.9020,
-21.3020

 87.0570, -5.3150,
-19.3230


 219.0630, -5.4520,
-22.3480


 63.5840, -5.3610,
-18.4890

 242.6660, -2.6560,
-17.9520

 40.8120, -6.0030,
-17.8670

 253.6320, 3.8520,
-3.7320

 19.6700, -8.4790,
-17.0470

 0.0000, 0.0000,
0.0000

■ 137.4160, -4.9480,
-20.4680

■ 137.4160, -4.9480,
-20.4680

■ 132.4170, -6.6890,
-27.4650

■ 142.4150, -3.2070,
-13.4710

■ 127.4180, -8.4300,
-34.4620

■ 147.4140, -1.4660,
-6.4740

■ 122.3050, -9.8500,
-41.7700

■ 152.5270, -0.0460,
0.8340

■ 117.3060,
-11.5910, -48.7670

■ 157.5260, 1.6950,
7.8310

■ 112.3070,
-13.3320, -55.7640

■ 162.5250, 3.4360,
14.8280

■ 107.3080,
-15.0730, -62.7610

■ 167.5240, 5.1770,
21.8250

■ 102.3090,
-16.8140, -69.7580

■ 172.5230, 6.9180,
28.8220

■ 101.4830,

■ 177.9350, 8.9340,

-17.3640, -70.8040

36.3420

 182.9340, 10.6750,
43.3390

Harmonies

Analogous

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



140.7840, 17.5630, -15.4370



137.4160, -4.9480, -20.4680



133.6010, -30.3940, -21.8660

Triad

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



137.4160, -4.9480, -20.4680



136.6310, -47.1330, 0.6670



145.7170, 38.0060, 16.0700

Complementary

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



137.4160, -4.9480, -20.4680



122.5840, 4.9480, 20.4680

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.



146.7620, 24.9380, 21.6260



137.4160, -4.9480, -20.4680



142.9980, -22.8810, 12.6950

Square

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



137.4160, -4.9480, -20.4680



129.7120, -61.0230, -11.9270



146.8010, 2.8390, 20.1430



144.6490, 40.7130, 5.5530

Rectangle

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



137.4160, -4.9480, -20.4680



130.7440, -46.8540, -20.9180



146.8010, 2.8390, 20.1430



146.4440, 34.5210, 18.6570

Sweetspot

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



137.4160, -4.9480, -20.4680



190.1750, -2.2910, -8.0430



139.9400, 17.4240, -7.4080



95.4680, -1.5580, -4.8060



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



137.4160, -4.9480, -20.4680



173.2980, -7.9720, -31.7480



134.9680, -15.3100, -19.9020



74.2940, -1.0080, -3.7600



93.5420, -15.8520, -65.1640



8.5280, -1.7870, -6.1630

Inverse Universe

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



122.5840, 4.9480, 20.4680



150.7020, 7.9720, 31.7480



125.0320, 15.3100, 19.9020



71.4070, 0.4120, 3.5480



46.4580, 15.8520, 65.1640



4.1730, 1.1910, 5.9510

Previews

White Background



This preview shows how the YIQ color 137.4160, -4.9480, -20.4680 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 137.4160, -4.9480, -20.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

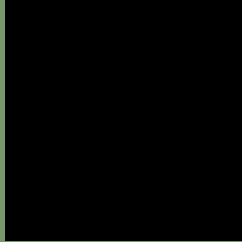
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4160, -4.9480, -20.4680

Background



This preview shows how black text looks on a background with the YIQ color 137.4160, -4.9480, -20.4680.



This preview shows how white text looks on a background with the YIQ color 137.4160, -4.9480,

-20.4680.

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

137.4160, -4.9480, -20.4680

Protanopia

141.5440, 18.4790, -10.0090

Deuteranopia

143.0060, 26.2260, -1.7260



Tritanopia

141.8720, -14.2590, -0.3950

Trichromacy



Original Color

137.4160, -4.9480, -20.4680

Protanomaly

139.8310, 10.1810, -13.8110

Deuteranomaly

140.7440, 15.0400, -8.2560

Tritanomaly

140.0970, -10.8190, -7.6750

Monochromacy



Original Color

137.4160, -4.9480, -20.4680

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8870, -1.4200, -7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4160, -4.9480, -20.4680 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(120, 152, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 152, 108)  
}
```

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(120, 152, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 152, 108) }
```

Border

The CSS property to change the border of an element to YIQ 137.4160, -4.9480, -20.4680 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(120, 152, 108) }
```


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

```
.border{ border-color:rgb(120, 152, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 152, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 152, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 152, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 152,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4160, -4.9480, -20.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 152, 108) }
```

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

```
.background{ background-color: rgb(120,  
152, 108) }
```

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