

Converting Colors

YIQ(137.5910, -24.4340,
-19.7460)

Have a look what the booklet for
YIQ(137.5910, -24.4340, -19.7460)
contains.

YIQ(137.5910, -24.4340, -19.7460)	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(137.5910, -24.4340,
-19.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	669D83
RGB	102, 157, 131
RGB Percent	40%, 62%, 51%
CMY	0.6001, 0.3842, 0.4863
CMYK	0.35, 0.00, 0.17, 0.38
HSL	152°, 22%, 51%
HSV	152°, 35%, 62%
XYZ	21.6315, 28.5825, 25.8426
YIQ	137.5910, -24.4340, -19.7460

Conversions

Conversions Part 2

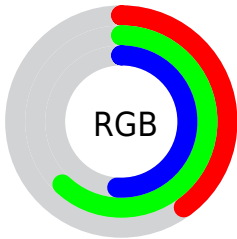
Format	Color
RYB	102, 138, 157
Decimal	6724995
CIELab	60.41, -24.09, 7.91
CIElCh	60, 25.355, 161.811
Yxy	28.5825, 0.2844, 0.3758
Android (android.graphics.Color)	4284915075 (0xFF669D83)
YUV	137.5910, -3.2494, -31.2133
Hunter-Lab	53.4626, -21.3366, 8.7643

Details

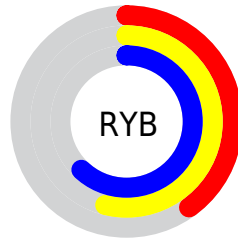
The YIQ color **137.5910, -24.4340, -19.7460** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **121.4090, 24.4340, 19.7460**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.7650, -24.9840, -20.7920**, and **86.5310, -24.2050, -18.3890** is the 20% darker color. If you saturate the color by 10%, you get **132.0090, -31.7230, -25.3150**, and if you desaturate by 10%, it is **143.1730, -17.1450, -14.1770**.

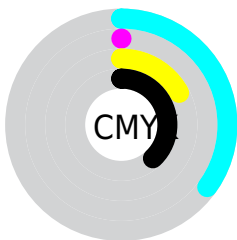
Distribution



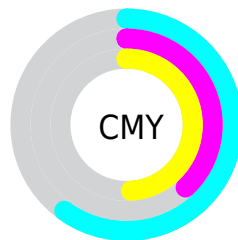
- Red (40%)
- Green (62%)
- Blue (51%)



- Red (40%)
- Yellow (54%)
- Blue (62%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)



- Cyan (60%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5910, -24.4340, -19.7460 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 137.5910, -24.4340, -19.7460 by changing the saturation by 10% instead.

■ 137.5910,
-24.4340, -19.7460

■ 137.5910,
-24.4340, -19.7460

■ 255.0000, -0.0000,
-0.0000

■ 112.0040,
-24.1590, -19.2230

■ 191.7650,
-24.9840, -20.7920

■ 86.5310, -24.2050,
-18.3890

■ 219.4660,
-25.5800, -21.0040

■ 62.0470, -25.7180,
-18.5020

■ 239.8350,
-22.0050, -14.2050

■ 38.2640, -27.8270,
-18.8270

■ 250.2160, -9.5360,
-3.3920

■ 22.9560, -15.0360,
-13.8520

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,

0.0000

■ 137.5910,
-24.4340, -19.7460

■ 137.5910,
-24.4340, -19.7460

■ 132.0090,
-31.7230, -25.3150

■ 143.1730,
-17.1450, -14.1770

■ 126.6120,
-38.0950, -30.9830

■ 148.5700,
-10.7730, -8.5090

■ 121.0300,
-45.3840, -36.5520

■ 154.1520, -3.4840,
-2.9400

■ 115.3340,
-52.3520, -42.4320

■ 159.8480, 3.4840,
2.9400

■ 109.7520,
-59.6410, -48.0010

■ 165.1310, 10.1770,
8.2970

■ 104.3550,
-66.0130, -53.6690

■ 170.8270, 17.1450,
14.1770

■ 101.6210,
-69.8180, -56.2980

■ 176.4090, 24.4340,
19.7460

■ 181.9910, 31.7230,
25.3150

■ 187.3880, 38.0950,
30.9830

Harmonies

Analogous

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



140.8510, -1.7390, -18.0510



137.5910, -24.4340, -19.7460



134.5210, -44.6080, -17.5680

Triad

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



137.5910, -24.4340, -19.7460



145.5310, -23.0640, 10.5040



147.3220, 37.3200, 6.4720

Complementary

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



137.5910, -24.4340, -19.7460



121.4090, 24.4340, 19.7460

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.



148.1510, 33.7880, 15.4200



137.5910, -24.4340, -19.7460



148.6650, 0.2260, 17.9380

Square

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



137.5910, -24.4340, -19.7460



139.9580, -43.7400, -0.2520



149.2560, 20.4910, 19.6190



146.0620, 31.8200, -3.9880

Rectangle

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



137.5910, -24.4340, -19.7460



134.0350, -51.8070, -13.7510



149.2560, 20.4910, 19.6190



147.7290, 37.7320, 10.0200

Sweetspot

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



137.5910, -24.4340, -19.7460



196.1680, -9.5810, -8.0850



142.3580, 0.9670, -23.0410



97.4290, -5.8220, -4.6220



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



137.5910, -24.4340, -19.7460



173.6120, -38.0950, -30.9830



139.9680, -32.5050, -11.1370



76.1520, -3.4840, -2.9400



92.4910, -63.4000, -51.4640



9.7170, -6.6930, -5.3570

Inverse Universe

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



121.4090, 24.4340, 19.7460



148.3880, 38.0950, 30.9830



119.0320, 32.5050, 11.1370



73.8480, 3.4840, 2.9400



50.5090, 63.4000, 51.4640



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 137.5910, -24.4340, -19.7460 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 137.5910, -24.4340, -19.7460 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 137.5910, -24.4340, -19.7460 Background



This preview shows how black text looks on a background with the YIQ color 137.5910, -24.4340, -19.7460.



This preview shows how white text looks on a background with the YIQ color 137.5910, -24.4340, -19.7460.

-19.7460.

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

137.5910, -24.4340, -19.7460

Protanopia

144.8130, 10.5920, -4.7360

Deuteranopia

146.3070, 15.3130, 3.3210



Tritanopia

140.6250, -29.8010, -5.0730

Trichromacy



Original Color

137.5910, -24.4340, -19.7460

Protanomaly

142.0070, -1.8780, -10.0220

Deuteranomaly

143.1370, 0.8720, -4.7920

Tritanomaly

139.5340, -28.2870, -10.4870

Monochromacy



Original Color

137.5910, -24.4340, -19.7460

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8800, -8.7100, -7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5910, -24.4340, -19.7460 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(102, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(102, 157, 131)  
}
```

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(102, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 157, 131) }
```

Border

The CSS property to change the border of an element to YIQ 137.5910, -24.4340, -19.7460 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(102, 157, 131) }
```


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

```
.border{ border-color:rgb(102, 157, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 157, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 157, 131);  
box-shadow:4px 4px 4px 4px rgb(102, 157,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5910, -24.4340, -19.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 157, 131) }
```

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

```
.background{ background-color: rgb(102,  
157, 131) }
```

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