

Converting Colors

YIQ(140.6820, -17.9210,
-33.1610)

Have a look what the booklet for
YIQ(140.6820, -17.9210, -33.1610)
contains.

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Color

**YIQ(140.6820, -17.9210,
-33.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	67A768
RGB	103, 167, 104
RGB Percent	40%, 65%, 41%
CMY	0.5963, 0.3450, 0.5922
CMYK	0.38, 0.00, 0.38, 0.34
HSL	121°, 27%, 53%
HSV	121°, 38%, 66%
XYZ	21.9099, 31.5273, 18.0258
YIQ	140.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

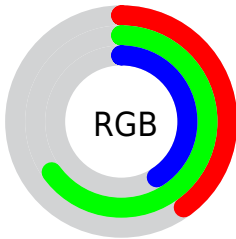
Format	Color
RYB	103, 166, 167
Decimal	6793064
CIELab	62.95, -33.73, 26.30
CIELCh	63, 42.771, 142.050
Yxy	31.5273, 0.3066, 0.4412
Android (android.graphics.Color)	4284983144 (0xFF67A768)
YUV	140.6820, -18.0842, -33.0471
Hunter-Lab	56.1491, -28.6086, 20.2703

Details

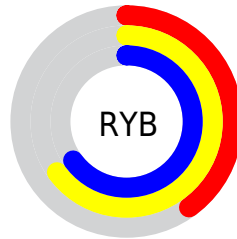
The YIQ color **140.6820, -17.9210, -33.1610** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.3180, 17.9210, 33.1610**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.6280, -17.8290, -34.8290**, and **88.5510, -18.9300, -31.3940** is the 20% darker color. If you saturate the color by 10%, you get **133.7750, -22.9170, -41.7410**, and if you desaturate by 10%, it is **147.5890, -12.9250, -24.5810**.

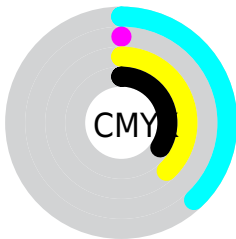
Distribution



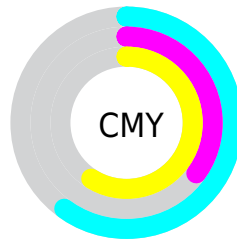
- Red (40%)
- Green (65%)
- Blue (41%)



- Red (40%)
- Yellow (65%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (60%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.6820, -17.9210, -33.1610 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 140.6820, -17.9210, -33.1610 by changing the saturation by 10% instead.

■ 140.6820,
-17.9210, -33.1610

■ 140.6820,
-17.9210, -33.1610

■ 255.0000, -0.0000,
-0.0000

■ 114.2090,
-17.9670, -32.3270

■ 195.6280,
-17.8290, -34.8290

■ 88.5510, -18.9300,
-31.3940

■ 223.2150,
-18.1040, -35.3520

■ 62.8820, -21.3600,
-31.4080

■ 237.4260,
-10.9080, -22.5880

■ 39.2950, -21.0850,
-30.8850

■ 249.2890, -2.6120,
-7.7320

■ 25.2410, -11.8250,
-22.4890

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,

0.0000

■ 140.6820,
-17.9210, -33.1610

■ 140.6820,
-17.9210, -33.1610

■ 133.7750,
-22.9170, -41.7410

■ 147.5890,
-12.9250, -24.5810

■ 127.0530,
-26.9960, -50.4200

■ 154.3110, -8.8460,
-15.9020

■ 120.1460,
-31.9920, -59.0000

■ 161.2180, -3.8500,
-7.3220

■ 113.1250,
-36.6670, -67.8910


■ 168.2390, 0.8250,
1.5690


■ 106.2180,
-41.6630, -76.4710

■ 174.8470, 5.2250,
9.9370


■ 99.4960, -45.7420,
-85.1500

■ 181.8680, 9.9000,
18.8280

 98.3710, -46.8880,
-86.4080

 188.7750, 14.8960,
27.4080

 195.6820, 19.8920,
35.9880

 202.4040, 23.9710,
44.6670

Harmonies

Analogous

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



146.7050, 18.8030, -26.9010



140.6820, -17.9210, -33.1610



127.2150, -70.8300, -37.9500

Triad

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



140.6820, -17.9210, -33.1610



138.3470, -78.4480, 1.0080



153.8400, 59.8290, 22.5570

Complementary

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



140.6820, -17.9210, -33.1610



129.3180, 17.9210, 33.1610

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.



155.4920, 43.7340, 33.4140



140.6820, -17.9210, -33.1610



152.9840, -28.2930, 22.6750

Square

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



140.6820, -17.9210, -33.1610



122.6700, -113.9310, -22.2430



156.9800, 13.0610, 33.1330



152.1750, 59.6030, 4.6190

Rectangle

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



140.6820, -17.9210, -33.1610



120.0020, -100.9070, -38.0190



156.9800, 13.0610, 33.1330



154.0340, 56.5270, 27.3350

Sweetspot

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



140.6820, -17.9210, -33.1610



206.2620, -7.1500, -13.5980



159.7040, 20.5440, -19.9040



103.5060, -4.7210, -8.0570



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.6820, -17.9210, -33.1610



175.9280, -28.1420, -51.6780



144.2160, -27.8720, -23.5200



80.6960, -2.2000, -4.1840



87.1040, -41.3420, -76.7820



11.7400, -5.5000, -10.4600

Inverse Universe

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



129.3180, 17.9210, 33.1610



158.0720, 28.1420, 51.6780



125.7840, 27.8720, 23.5200



79.3040, 2.2000, 4.1840



60.7820, 41.6630, 76.4710



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 140.6820, -17.9210, -33.1610 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 140.6820, -17.9210, -33.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

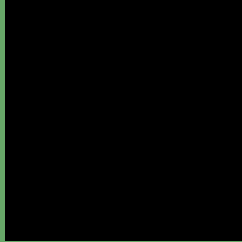
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 140.6820, -17.9210, -33.1610 Background



This preview shows how black text looks on a background with the YIQ color 140.6820, -17.9210, -33.1610.



This preview shows how white text looks on a background with the YIQ color 140.6820, -17.9210, -33.1610.

-33.1610.

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

140.6820, -17.9210, -33.1610

Protanopia

149.7310, 25.0820, -14.0380

Deuteranopia

151.3610, 32.4160, -3.7760



Tritanopia

147.6250, -29.8010, -5.0730

Trichromacy



Original Color

140.6820, -17.9210, -33.1610

Protanomaly

146.0170, 9.3570, -20.9070

Deuteranomaly

147.4570, 14.1700, -14.5180

Tritanomaly

145.0410, -25.5810, -15.4770

Monochromacy



Original Color

140.6820, -17.9210, -33.1610

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.6150, -6.6460, -11.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.6820, -17.9210, -33.1610 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(103, 167, 104)` looks like.

```
.text, #text, p{  
    color:rgb(103, 167, 104)  
}
```

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(103, 167, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 167, 104) }
```

Border

The CSS property to change the border of an element to YIQ 140.6820, -17.9210, -33.1610 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(103, 167, 104) }
```


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

```
.border{ border-color:rgb(103, 167, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 167, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 167, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 167, 104);  
box-shadow:4px 4px 4px 4px rgb(103, 167,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 140.6820, -17.9210, -33.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 167, 104) }
```

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

```
.background{ background-color: rgb(103,  
167, 104) }
```

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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