

Converting Colors

YIQ(169.3690, -15.9020,
-42.2220)

Have a look what the booklet for
YIQ(169.3690, -15.9020, -42.2220)
contains.

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Color

**YIQ(169.3690, -15.9020,
-42.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	80C973
RGB	128, 201, 115
RGB Percent	50%, 79%, 45%
CMY	0.4983, 0.2116, 0.5490
CMYK	0.36, 0.00, 0.43, 0.21
HSL	111°, 44%, 62%
HSV	111°, 43%, 79%
XYZ	32.8817, 47.6100, 23.6765
YIQ	169.3690, -15.9020, -42.2220

Conversions

Conversions Part 2

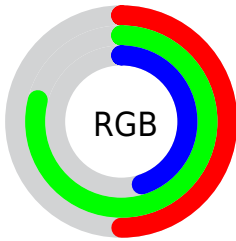
Format	Color
RYB	115, 201, 188
Decimal	8440179
CIELab	74.58, -39.42, 35.90
CIELCh	75, 53.320, 137.676
Yxy	47.6100, 0.3157, 0.4570
Android (android.graphics.Color)	4286630259 (0xFF80C973)
YUV	169.3690, -26.8039, -36.2806
Hunter-Lab	69.0000, -35.6866, 27.9554

Details

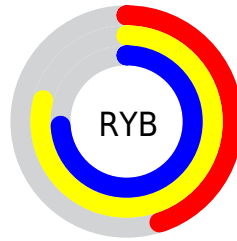
The YIQ color **169.3690, -15.9020, -42.2220** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **146.6310, 15.9020, 42.2220**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8530, -14.3890, -42.1090**, and **115.2380, -16.9110, -40.4550** is the 20% darker color. If you saturate the color by 10%, you get **162.0060, -19.6140, -52.0460**, and if you desaturate by 10%, it is **176.7320, -12.1900, -32.3980**.

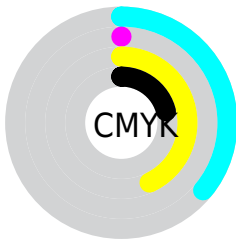
Distribution



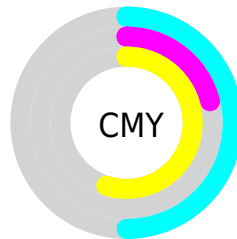
- Red (50%)
- Green (79%)
- Blue (45%)



- Red (45%)
- Yellow (79%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.3690, -15.9020, -42.2220 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 169.3690, -15.9020, -42.2220 by changing the saturation by 10% instead.

■ 169.3690,
-15.9020, -42.2220

■ 169.3690,
-15.9020, -42.2220

■ 255.0000, -0.0000,
-0.0000

■ 142.0100,
-16.2690, -41.0770

■ 223.5540,
-14.9850, -42.3210

■ 115.2380,
-16.9110, -40.4550

■ 235.4170, -6.6890,
-27.4650

■ 88.8680, -18.7450,
-40.2570

■ 247.2800, 1.6070,
-12.6090

■ 61.0630, -23.7880,
-42.4760

■ 254.7720, 0.6420,
-0.6220

■ 41.6770, -19.5250,
-37.1330

■ 27.5890, -12.9250,
-24.5810

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 169.3690,
-15.9020, -42.2220

■ 169.3690,
-15.9020, -42.2220

■ 162.0060,
-19.6140, -52.0460

■ 176.7320,
-12.1900, -32.3980

■ 154.6430,
-23.3260, -61.8700

■ 184.0950, -8.4780,
-22.5740

■ 147.2800,
-27.0380, -71.6940


■ 191.4580, -4.7660,
-12.7500


■ 139.9170,
-30.7500, -81.5180


■ 198.8210, -1.0540,
-2.9260


■ 132.4400,
-34.1410, -91.6530

■ 206.2980, 2.3370,
7.2090

 126.9570,
-37.3950, -98.7630

 213.6610, 6.0490,
17.0330

 221.2090, 10.6780,
26.7580

 223.3020, 14.8500,
28.2420

Harmonies

Analogous

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



176.3500, 29.8080, -33.6160



169.3690, -15.9020, -42.2220



150.3280, -87.7460, -50.7700

Triad

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



169.3690, -15.9020, -42.2220



143.5350, -135.4800, -22.6800



177.9700, 62.5790, 27.7870

Complementary

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



169.3690, -15.9020, -42.2220



146.6310, 15.9020, 42.2220

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.



184.8440, 45.9790, 42.2910



169.3690, -15.9020, -42.2220



179.6020, -39.0210, 18.8590

Square

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



169.3690, -15.9020, -42.2220



148.8180, -137.9550, -27.3870



188.8090, 9.5290, 42.0810



180.6990, 72.8070, 7.6150

Rectangle

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



169.3690, -15.9020, -42.2220



144.9130, -120.0700, -48.6620



188.8090, 9.5290, 42.0810



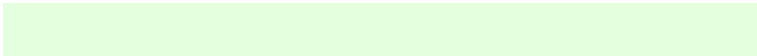
179.3210, 57.3970, 33.5970

Sweetspot

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



169.3690, -15.9020, -42.2220



242.8660, -6.0950, -16.1990



182.9780, 31.4560, -19.4240



120.2240, -3.9870, -10.3470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



169.3690, -15.9020, -42.2220



207.2900, -23.8300, -63.7500



168.7880, -32.9590, -35.9590



95.5820, -1.8790, -4.4950



103.1560, -29.9250, -79.9490



22.6270, -6.9200, -17.7680

Inverse Universe

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



146.6310, 15.9020, 42.2220



172.7100, 23.8300, 63.7500



147.2120, 32.9590, 35.9590



93.4180, 1.8790, 4.4950



60.1430, 30.5210, 80.1610



13.0740, 6.3240, 17.5560

Previews

White Background



This preview shows how the YIQ color 169.3690, -15.9020, -42.2220 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 169.3690, -15.9020, -42.2220 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 169.3690, -15.9020, -42.2220 Background



This preview shows how black text looks on a background with the YIQ color 169.3690, -15.9020, -42.2220.



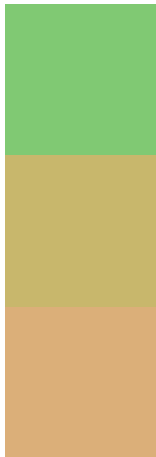
This preview shows how white text looks on a background with the YIQ color 169.3690, -15.9020, -42.2220.

-42.2220.

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

169.3690, -15.9020, -42.2220

Protanopia

179.5330, 34.2070, -19.7210

Deuteranopia

182.0000, 43.5580, -7.4660



Tritanopia

178.0700, -32.5520, -4.7760

Trichromacy



Original Color

169.3690, -15.9020, -42.2220

Protanomaly

176.2100, 15.8230, -27.9610

Deuteranomaly

177.1880, 22.0570, -19.7910

Tritanomaly

174.8620, -26.6350, -18.4030

Monochromacy



Original Color

169.3690, -15.9020, -42.2220

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.2790, -5.8200, -15.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.3690, -15.9020, -42.2220 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(128, 201, 115)` looks like.

```
.text, #text, p{  
    color:rgb(128, 201, 115)  
}
```

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(128, 201, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 201, 115) }
```

Border

The CSS property to change the border of an element to YIQ 169.3690, -15.9020, -42.2220 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(128, 201, 115) }
```


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

```
.border{ border-color:rgb(128, 201, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 201, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 201, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 201, 115); box-shadow:4px 4px 4px 4px rgb(128, 201, 115) }
```

Background

The CSS property to change the background color of an element to YIQ 169.3690, -15.9020, -42.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 201, 115) }
```

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

```
.background{ background-color: rgb(128,  
201, 115) }
```

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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