

Converting Colors

YIQ(170.0800, 3.9050, -43.2550)

Have a look what the booklet for
YIQ(170.0800, 3.9050, -43.2550)
contains.

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Color

**YIQ(170.0800, 3.9050,
-43.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	93C55C
RGB	147, 197, 92
RGB Percent	58%, 77%, 36%
CMY	0.4237, 0.2274, 0.6391
CMYK	0.25, 0.00, 0.53, 0.23
HSL	89°, 48%, 57%
HSV	89°, 53%, 77%
XYZ	33.9280, 46.9138, 17.3979
YIQ	170.0800, 3.9050, -43.2550

Conversions

Conversions Part 2

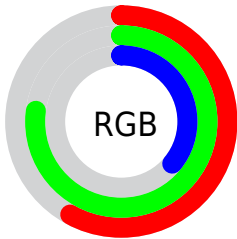
Format	Color
RYB	92, 197, 142
Decimal	9684316
CIELab	74.13, -33.83, 46.88
CIELCh	74, 57.806, 125.814
Yxy	46.9138, 0.3454, 0.4775
Android (android.graphics.Color)	4287874396 (0xFF93C55C)
YUV	170.0800, -38.4934, -20.2412
Hunter-Lab	68.4936, -31.4447, 32.8854

Details

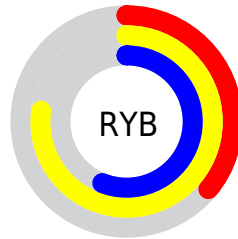
The YIQ color **170.0800, 3.9050, -43.2550** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **118.9200, -3.9050, 43.2550**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3250, 4.5930, -44.7110**, and **116.3080, 3.2630, -42.6330** is the 20% darker color. If you saturate the color by 10%, you get **165.1090, 4.9610, -51.3830**, and if you desaturate by 10%, it is **175.0510, 2.8490, -35.1270**.

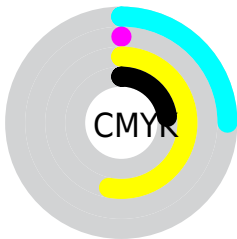
Distribution



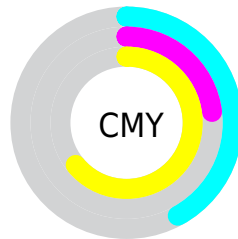
- Red (58%)
- Green (77%)
- Blue (36%)



- Red (36%)
- Yellow (77%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.0800, 3.9050, -43.2550 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 170.0800, 3.9050, -43.2550 by changing the saturation by 10% instead.

170.0800, 3.9050,
-43.2550

170.0800, 3.9050,
-43.2550

255.0000, -0.0000,
-0.0000

143.1940, 3.5840,
-42.9440

226.3250, 4.5930,
-44.7110

116.3080, 3.2630,
-42.6330

238.6610, 12.9350,
-30.6890

89.7380, 4.8680,
-44.1880

248.7300, 17.6550,
-17.1050

65.9640, -1.4600,
-39.6360

252.0360, 8.3460,
-8.0860

42.6070, -13.3360,
-33.6560

26.4150, -12.3750,
-23.5350

13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 170.0800, 3.9050,
-43.2550

■ 170.0800, 3.9050,
-43.2550

■ 165.1090, 4.9610,
-51.3830

■ 175.0510, 2.8490,
-35.1270

■ 159.9530, 5.1000,
-59.4120

■ 180.2070, 2.7100,
-27.0980

■ 154.9820, 6.1560,
-67.5400

■ 185.1780, 1.6540,
-18.9700

■ 149.7120, 6.6160,
-75.8800

■ 190.4480, 1.1940,
-10.6300

■ 146.4360, 7.2130,
-81.1950

■ 195.4190, 0.1380,
-2.5020

■ 200.2760, -0.5970,
5.3150

■ 205.5460, -1.0570,
13.6550

■ 210.5170, -2.1130,
21.7830

■ 214.0770, 2.2420,
25.4580

Harmonies

Analogous

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



176.2120, 47.8720, -30.5920



170.0800, 3.9050, -43.2550



156.5730, -60.6950, -50.9270

Triad

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



170.0800, 3.9050, -43.2550



145.8830, -136.5800, -24.7720



175.9130, 58.7260, 37.0460

Complementary

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



170.0800, 3.9050, -43.2550



118.9200, -3.9050, 43.2550

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.



186.6510, 39.5130, 49.3450



170.0800, 3.9050, -43.2550



168.4620, -71.3420, 4.3860

Square

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



170.0800, 3.9050, -43.2550



149.2110, -134.9280, -32.6880



184.8390, -8.3510, 35.7210



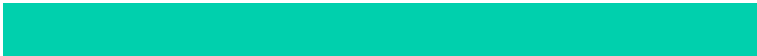
175.3820, 72.6220, 16.4780

Rectangle

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



170.0800, 3.9050, -43.2550



141.8180, -112.7330, -54.9810



184.8390, -8.3510, 35.7210



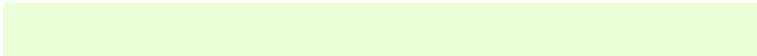
178.5520, 52.6730, 42.1210

Sweetspot

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



170.0800, 3.9050, -43.2550



244.6450, 1.8370, -16.7790



152.1580, 49.1050, -3.3670



121.5620, 0.8730, -10.3190



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.



170.0800, 3.9050, -43.2550



213.0960, 5.8350, -67.2290



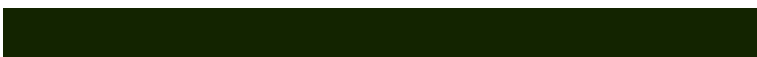
154.8310, -26.4910, -54.0670



96.7780, 0.5050, -3.6470



121.0960, 5.8350, -67.2290



26.8130, 1.4240, -14.8000

Inverse Universe

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



118.9200, -3.9050, 43.2550



133.9040, -5.8350, 67.2290



134.4680, 27.0870, 54.2790



92.2220, -0.5050, 3.6470



41.9040, -5.8350, 67.2290



9.1870, -1.4240, 14.8000

Previews

White Background



This preview shows how the YIQ color 170.0800, 3.9050, -43.2550 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 170.0800, 3.9050, -43.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

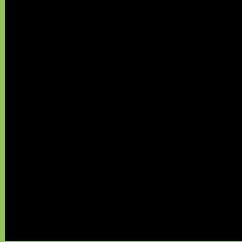
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.0800, 3.9050, -43.2550

Background



This preview shows how black text looks on a background with the YIQ color 170.0800, 3.9050, -43.2550.



This preview shows how white text looks on a background with the YIQ color 170.0800, 3.9050, -43.2550.

-43.2550.

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

170.0800, 3.9050, -43.2550

Protanopia

176.8510, 41.8190, -25.5170

Deuteranopia

179.1010, 53.2790, -12.9370



Tritanopia

179.8330, -18.5230, -0.2110

Trichromacy



Original Color

170.0800, 3.9050, -43.2550

Protanomaly

174.0340, 27.8820, -31.7500

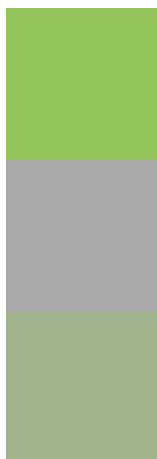
Deuteranomaly

176.0830, 35.3540, -23.9900

Tritanomaly

176.2400, -10.0840, -15.4920

Monochromacy



Original Color

170.0800, 3.9050, -43.2550

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2860, 1.4700, -15.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0800, 3.9050, -43.2550 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(147, 197, 92)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 92)  
}
```

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(147, 197, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 92) }
```

Border

The CSS property to change the border of an element to YIQ 170.0800, 3.9050, -43.2550 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(147, 197, 92) }
```


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

```
.border{ border-color:rgb(147, 197, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 197, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 92);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0800, 3.9050, -43.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 92) }
```

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

```
.background{ background-color: rgb(147,  
197, 92) }
```

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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