

Converting Colors

YIQ(174.5430, 9.9110, -41.9690)

Have a look what the booklet for
YIQ(174.5430, 9.9110, -41.9690)
contains.

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Color

**YIQ(174.5430, 9.9110,
-41.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC75C
RGB	158, 199, 92
RGB Percent	62%, 78%, 36%
CMY	0.3806, 0.2195, 0.6391
CMYK	0.21, 0.00, 0.54, 0.22
HSL	83°, 49%, 57%
HSV	83°, 54%, 78%
XYZ	36.4528, 48.8928, 17.6483
YIQ	174.5430, 9.9110, -41.9690

Conversions

Conversions Part 2

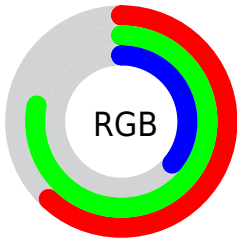
Format	Color
RYB	92, 199, 133
Decimal	10405724
CIELab	75.38, -30.63, 48.51
CIELCh	75, 57.371, 122.263
Yxy	48.8928, 0.3539, 0.4747
Android (android.graphics.Color)	4288595804 (0xFF9EC75C)
YUV	174.5430, -40.6937, -14.5082
Hunter-Lab	69.9234, -29.3094, 33.9818

Details

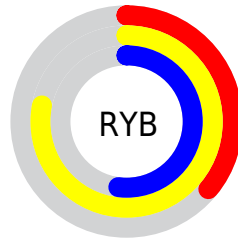
The YIQ color **174.5430, 9.9110, -41.9690** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **116.4570, -9.9110, 41.9690**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5000, 11.4700, -42.6900**, and **120.7710, 9.2690, -41.3470** is the 20% darker color. If you saturate the color by 10%, you get **169.8710, 11.5630, -49.8850**, and if you desaturate by 10%, it is **179.2150, 8.2590, -34.0530**.

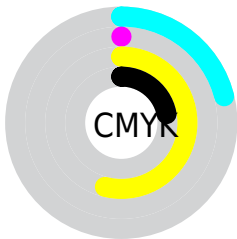
Distribution



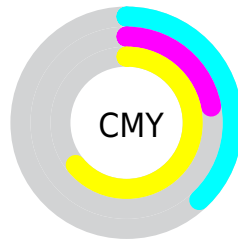
- Red (62%)
- Green (78%)
- Blue (36%)



- Red (36%)
- Yellow (78%)
- Blue (52%)



- Cyan (21%)
- Magenta (0%)
- Yellow (54%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5430, 9.9110, -41.9690 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 174.5430, 9.9110, -41.9690 by changing the saturation by 10% instead.

■ 174.5430, 9.9110,
-41.9690

■ 174.5430, 9.9110,
-41.9690

255.0000, -0.0000,
-0.0000

■ 147.6570, 9.5900,
-41.6580

■ 230.5000, 11.4700,
-42.6900

■ 120.7710, 9.2690,
-41.3470

■ 242.2490, 20.0870,
-28.1450

■ 93.7880, 10.5990,
-43.4250

■ 248.7300, 17.6550,
-17.1050

■ 70.4270, 4.5460,
-38.3500

■ 252.0360, 8.3460,
-8.0860

■ 48.5650, -4.3500,
-31.3100

■ 27.5890, -12.9250,
-24.5810

■ 15.8490, -7.4250,

-14.1210

■ 0.0000, 0.0000,
0.0000

■ 174.5430, 9.9110,
-41.9690

■ 174.5430, 9.9110,
-41.9690

■ 169.8710, 11.5630,
-49.8850

■ 179.2150, 8.2590,
-34.0530

■ 165.4980, 13.8110,
-57.5890

■ 183.5880, 6.0110,
-26.3490

■ 160.8260, 15.4630,
-65.5050

■ 188.2600, 4.3590,
-18.4330

■ 156.1540, 17.1150,
-73.4210

■ 192.9320, 2.7070,
-10.5170

■ 153.5900, 18.5830,
-78.0010

■ 197.3050, 0.4590,
-2.8130

■ 201.8630, -0.8720,
4.7920

■ 206.2360, -3.1200,
12.4960

■ 210.9080, -4.7720,
20.4120

■ 213.7560, -1.2880,
23.3520

Harmonies

Analogous

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



179.9460, 51.6770, -27.9630



174.5430, 9.9110, -41.9690



162.7870, -49.5540, -49.0900

Triad

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



174.5430, 9.9110, -41.9690



148.8180, -137.9550, -27.3870



179.4010, 54.4160, 38.0640

Complementary

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



174.5430, 9.9110, -41.9690



116.4570, -9.9110, 41.9690

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.



190.9000, 34.3780, 48.7940



174.5430, 9.9110, -41.9690



168.1080, -79.2730, -0.5610

Square

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



174.5430, 9.9110, -41.9690



151.3310, -135.3860, -35.4020



186.8660, -12.9810, 31.5230



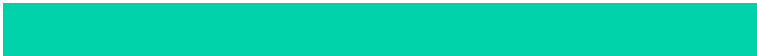
177.5820, 69.1830, 18.2310

Rectangle

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



174.5430, 9.9110, -41.9690



143.2370, -112.5950, -57.4830



186.8660, -12.9810, 31.5230



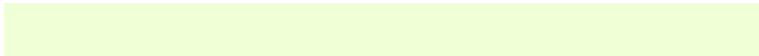
182.0400, 48.3630, 43.1390

Sweetspot

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



174.5430, 9.9110, -41.9690



245.5420, 3.6250, -16.1430



148.0600, 52.4970, 1.2410



122.1600, 2.0650, -9.8950



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.



174.5430, 9.9110, -41.9690



216.9400, 15.1420, -65.1940



158.6960, -21.6770, -53.2050



97.0770, 1.1010, -3.4350



125.8800, 15.3710, -63.8370



27.7100, 3.2120, -14.1640

Inverse Universe

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



116.4570, -9.9110, 41.9690



127.0600, -15.1420, 65.1940



132.6030, 22.2730, 53.4170



91.9230, -1.1010, 3.4350



37.4190, -14.7750, 64.0490



8.2900, -3.2120, 14.1640

Previews

White Background



This preview shows how the YIQ color 174.5430, 9.9110, -41.9690 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 174.5430, 9.9110, -41.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

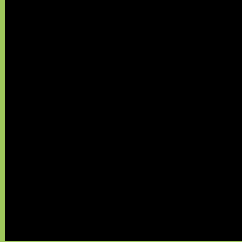
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.5430, 9.9110, -41.9690

Background



This preview shows how black text looks on a background with the YIQ color 174.5430, 9.9110, -41.9690.



This preview shows how white text looks on a background with the YIQ color 174.5430, 9.9110,

-41.9690.

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

174.5430, 9.9110, -41.9690

Protanopia

179.9220, 43.0570, -25.9270

Deuteranopia

182.3570, 55.4340, -13.4460



Tritanopia

184.2250, -13.7550, 1.4850

Trichromacy



Original Color

174.5430, 9.9110, -41.9690

Protanomaly

177.8880, 31.2290, -31.8350

Deuteranomaly

179.3500, 38.9760, -23.5520

Tritanomaly

180.5180, -4.9950, -14.1070

Monochromacy



Original Color

174.5430, 9.9110, -41.9690

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0690, 3.5790, -15.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5430, 9.9110, -41.9690 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(158, 199, 92)` looks like.

```
.text, #text, p{  
    color:rgb(158, 199, 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(158, 199, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 199, 92) }
```

Border

The CSS property to change the border of an element to YIQ 174.5430, 9.9110, -41.9690 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(158, 199, 92) }
```


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

```
.border{ border-color:rgb(158, 199, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 199, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 199, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 199, 92);  
box-shadow:4px 4px 4px 4px rgb(158, 199,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5430, 9.9110, -41.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 199, 92) }
```

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

```
.background{ background-color: rgb(158,  
199, 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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