

Converting Colors

YIQ(179.3610, 22.1070,
-42.7330)

Have a look what the booklet for
YIQ(179.3610, 22.1070, -42.7330)
contains.

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Color

**YIQ(179.3610, 22.1070,
-42.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC952
RGB	174, 201, 82
RGB Percent	68%, 79%, 32%
CMY	0.3178, 0.2117, 0.6782
CMYK	0.13, 0.00, 0.59, 0.21
HSL	74°, 52%, 56%
HSV	74°, 59%, 79%
XYZ	39.8617, 51.3829, 15.8088
YIQ	179.3610, 22.1070, -42.7330

Conversions

Conversions Part 2

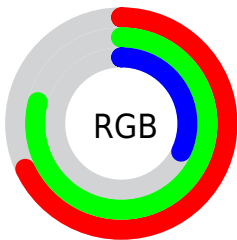
Format	Color
RYB	82, 201, 109
Decimal	11454802
CIELab	76.91, -26.21, 55.07
CIELCh	77, 60.993, 115.454
Yxy	51.3829, 0.3724, 0.4800
Android (android.graphics.Color)	4289644882 (0xFFAEC952)
YUV	179.3610, -47.9990, -4.7016
Hunter-Lab	71.6819, -26.1811, 37.1015

Details

The YIQ color $179.3610, 22.1070, -42.7330$ is a light color, and the websafe version is hex $99CC66$. The color can be described as light muted chartreuse. A complement of this color would be $103.6390, -22.1070, 42.7330$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.5570, 24.4910, -41.8850$, and $124.8340, 22.1530, -43.5670$ is the 20% darker color. If you saturate the color by 10%, you get $175.5860, 25.5470, -50.0130$, and if you desaturate by 10%, it is $183.1360, 18.6670, -35.4530$.

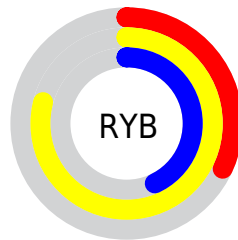
Distribution



Red (68%)

Green (79%)

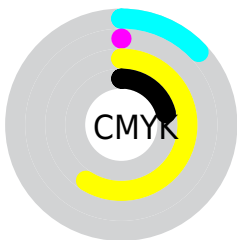
Blue (32%)



Red (32%)

Yellow (79%)

Blue (43%)

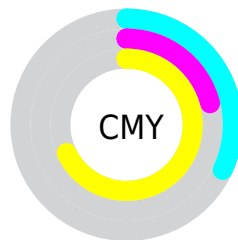


Cyan (13%)

Magenta (0%)

Yellow (59%)

Black (21%)



Cyan (32%)

Magenta (21%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.3610, 22.1070, -42.7330 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 179.3610, 22.1070, -42.7330 by changing the saturation by 10% instead.

■ 179.3610, 22.1070,
-42.7330

■ 179.3610, 22.1070,
-42.7330

■ 255.0000, -0.0000,
-0.0000

■ 152.0620, 21.5110,
-42.9450

■ 234.5570, 24.4910,
-41.8850

■ 124.8340, 22.1530,
-43.5670

■ 244.5120, 29.5320,
-28.6120

■ 98.5350, 21.5570,
-43.7790

■ 247.7040, 20.5440,
-19.9040

■ 76.0860, 12.9360,
-36.2160

■ 251.0100, 11.2350,
-10.8850

■ 54.2240, 4.0400,
-29.1760

■ 254.3160, 1.9260,
-1.8660

■ 32.3400, -7.7900,
-24.0300

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 179.3610, 22.1070,
-42.7330

■ 179.3610, 22.1070,
-42.7330

■ 175.5860, 25.5470,
-50.0130

■ 183.1360, 18.6670,
-35.4530

■ 172.1100, 29.5830,
-57.0810

■ 186.6120, 14.6310,
-28.3850

■ 168.3350, 33.0230,
-64.3610

■ 190.3870, 11.1910,
-21.1050

■ 164.8590, 37.0590,
-71.4290

■ 193.8630, 7.1550,
-14.0370

■ 164.3320, 37.1050,
-72.2630

■ 197.7520, 3.3940,
-6.4460

■ 201.2280, -0.6420,
0.6220

■ 205.0030, -4.0820,
7.9020

■ 208.7780, -7.5220,
15.1820

■ 211.3420, -8.9900,
19.7620

Harmonies

Analogous

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



184.6870, 62.7720, -25.2920



179.3610, 22.1070, -42.7330



169.2630, -36.3950, -50.7870

Triad

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



179.3610, 22.1070, -42.7330



153.5140, -140.1550, -31.5710



181.9260, 48.6840, 42.8280

Complementary

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



179.3610, 22.1070, -42.7330



103.6390, -22.1070, 42.7330

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.



195.6910, 24.8410, 50.9290



179.3610, 22.1070, -42.7330



149.4710, -129.4280, -22.2280

Square

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



179.3610, 22.1070, -42.7330



154.3970, -135.7520, -39.7840



186.7780, -24.7170, 23.9470



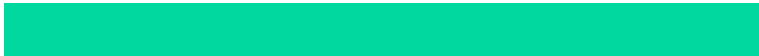
177.3030, 65.8350, 23.8430

Rectangle

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



179.3610, 22.1070, -42.7330



145.0320, -110.7600, -63.2080



186.7780, -24.7170, 23.9470



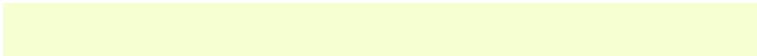
185.8530, 41.7600, 47.1680

Sweetspot

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



179.3610, 22.1070, -42.7330



246.7660, 8.8060, -16.4260



132.8430, 63.7740, 11.6300



122.6010, 5.1370, -10.5030



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.



179.3610, 22.1070, -42.7330



222.1070, 33.6650, -64.9830



162.0190, -12.4610, -55.0290



97.3760, 1.6970, -3.2230



133.3550, 30.2710, -58.5370



29.5040, 6.7880, -12.8920

Inverse Universe

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



103.6390, -22.1070, 42.7330



106.8930, -33.6650, 64.9830



120.9810, 12.4610, 55.0290



91.6240, -1.6970, 3.2230



29.6450, -30.2710, 58.5370



6.4960, -6.7880, 12.8920

Previews

White Background



This preview shows how the YIQ color 179.3610, 22.1070, -42.7330 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 179.3610, 22.1070, -42.7330 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 179.3610, 22.1070, -42.7330

Background



This preview shows how black text looks on a background with the YIQ color 179.3610, 22.1070, -42.7330.



This preview shows how white text looks on a background with the YIQ color 179.3610, 22.1070,

-42.7330.

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

179.3610, 22.1070, -42.7330

Protanopia

183.6250, 48.1470, -30.0690

Deuteranopia

185.6580, 61.7160, -17.1640



Tritanopia

190.2970, -5.0900, 4.1420

Trichromacy



Original Color

179.3610, 22.1070, -42.7330

Protanomaly

182.2000, 38.9780, -34.6060

Deuteranomaly

183.5480, 47.0460, -26.6340

Tritanomaly

186.1340, 4.9540, -12.6940

Monochromacy



Original Color

179.3610, 22.1070, -42.7330

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1080, 7.8430, -15.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3610, 22.1070, -42.7330 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(174, 201, 82)` looks like.

```
.text, #text, p{  
    color:rgb(174, 201, 82)  
}
```

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(174, 201, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 201, 82) }
```

Border

The CSS property to change the border of an element to YIQ 179.3610, 22.1070, -42.7330 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(174, 201, 82) }
```


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

```
.border{ border-color:rgb(174, 201, 82) }
```

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

Here you see how a box with a 4 pixel rgb(174, 201, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 201, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 201, 82);  
box-shadow:4px 4px 4px 4px rgb(174, 201,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3610, 22.1070, -42.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 201, 82) }
```

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

```
.background{ background-color: rgb(174,  
201, 82) }
```

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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