

Converting Colors

YIQ(175.3650, -18.1060,
-24.2980)

Have a look what the booklet for
YIQ(175.3650, -18.1060, -24.2980)
contains.

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Color

**YIQ(175.3650, -18.1060,
-24.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC49A
RGB	143, 196, 154
RGB Percent	56%, 77%, 60%
CMY	0.4394, 0.2313, 0.3961
CMYK	0.27, 0.00, 0.21, 0.23
HSL	132°, 31%, 66%
HSV	132°, 27%, 77%
XYZ	36.8978, 47.6588, 37.8218
YIQ	175.3650, -18.1060, -24.2980

Conversions

Conversions Part 2

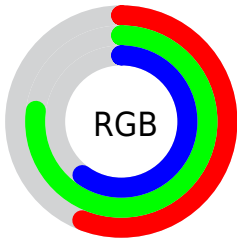
Format	Color
RYB	143, 187, 196
Decimal	9421978
CIELab	74.61, -25.81, 15.63
CIELCh	75, 30.175, 148.800
Yxy	47.6588, 0.3015, 0.3894
Android (android.graphics.Color)	4287612058 (0xFF8FC49A)
YUV	175.3650, -10.5329, -28.3841
Hunter-Lab	69.0353, -25.4077, 15.8420

Details

The YIQ color **175.3650, -18.1060, -24.2980** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **163.6350, 18.1060, 24.2980**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4250, -18.3350, -25.6550**, and **122.3050, -17.8770, -22.9410** is the 20% darker color. If you saturate the color by 10%, you get **167.5610, -24.8900, -33.5140**, and if you desaturate by 10%, it is **183.1690, -11.3220, -15.0820**.

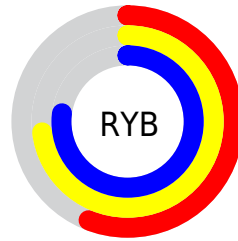
Distribution



Red (56%)

Green (77%)

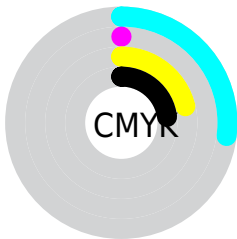
Blue (60%)



Red (56%)

Yellow (73%)

Blue (77%)

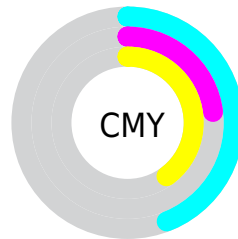


Cyan (27%)

Magenta (0%)

Yellow (21%)

Black (23%)



Cyan (44%)

Magenta (23%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3650, -18.1060, -24.2980 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 175.3650, -18.1060, -24.2980 by changing the saturation by 10% instead.

■ 175.3650,
-18.1060, -24.2980

■ 175.3650,
-18.1060, -24.2980

■ 255.0000, -0.0000,
-0.0000

■ 148.7780,
-17.8310, -23.7750

■ 231.4250,
-18.3350, -25.6550

■ 122.3050,
-17.8770, -22.9410

■ 244.2770,
-11.5060, -11.7460

■ 96.8320, -17.9230,
-22.1070

■ 72.3590, -17.9690,
-21.2730

■ 47.9890, -19.8030,
-21.0750

■ 27.7830, -16.2270,
-19.8030

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 175.3650,
-18.1060, -24.2980

■ 175.3650,
-18.1060, -24.2980

■ 167.5610,
-24.8900, -33.5140

■ 183.1690,
-11.3220, -15.0820

■ 160.1700,
-31.3990, -42.2070

■ 190.5600, -4.8130,
-6.3890

■ 152.3660,
-38.1830, -51.4230

■ 198.3640, 1.9710,
2.8270

■ 144.9750,
-44.6920, -60.1160

■ 205.7550, 8.4800,
11.5200

■ 137.1710,
-51.4760, -69.3320

■ 213.5590, 15.2640,
20.7360

■ 129.4810,
-58.5810, -78.2370

■ 219.4550, 18.7930,
28.3690

■ 121.9760,
-64.7690, -87.2410

■ 220.3670, 16.2250,
30.8570

■ 119.7260,
-67.0610, -89.7570

Harmonies

Analogous

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



179.1310, 9.0360, -20.5960



175.3650, -18.1060, -24.2980



171.2340, -45.4780, -23.8300

Triad

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



175.3650, -18.1060, -24.2980



180.0820, -40.8530, 8.0030



186.3280, 46.3510, 13.5110

Complementary

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



175.3650, -18.1060, -24.2980



163.6350, 18.1060, 24.2980

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.



187.4490, 36.1250, 22.6290



175.3650, -18.1060, -24.2980



185.9610, -12.2910, 19.0130

Square

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



175.3650, -18.1060, -24.2980



172.9880, -61.6200, -6.6120



188.0800, 15.3550, 24.5950



184.4550, 44.0150, 0.7750

Rectangle

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



175.3650, -18.1060, -24.2980



169.2140, -59.9210, -20.8890



188.0800, 15.3550, 24.5950



187.0660, 44.3330, 17.0450

Sweetspot

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



175.3650, -18.1060, -24.2980



247.1960, -6.7840, -9.2160



186.6690, 10.4570, -18.8150



122.8590, -4.2170, -6.1770



0.0000, 0.0000, 0.0000



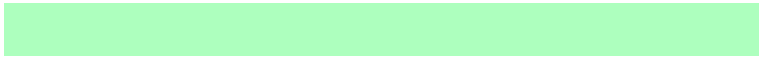
128.0000, -0.0000, -0.0000

Same Dimension

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



175.3650, -18.1060, -24.2980



223.0720, -28.0070, -37.5990



178.3290, -26.4520, -16.2120



93.0980, -3.3920, -4.6080



98.2690, -54.8680, -73.9400



20.1690, -11.3220, -15.0820

Inverse Universe

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



163.6350, 18.1060, 24.2980



204.9280, 28.0070, 37.5990



160.6710, 26.4520, 16.2120



90.9020, 3.3920, 4.6080



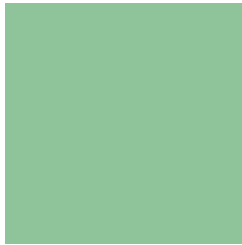
62.6170, 55.1890, 73.6290



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 175.3650, -18.1060, -24.2980 looks on a white background.

Color Contrast Check

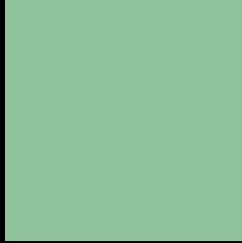
Large Text (above 18pt) WCAG AA × Fail

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 175.3650, -18.1060, -24.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

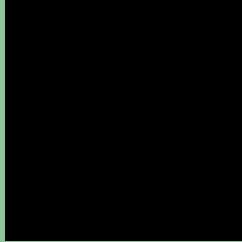
Any Text WCAG AA ✓ Pass

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 175.3650, -18.1060, -24.2980 Background



This preview shows how black text looks on a background with the YIQ color 175.3650, -18.1060, -24.2980.



This preview shows how white text looks on a background with the YIQ color 175.3650, -18.1060, -24.2980.

-24.2980.

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

175.3650, -18.1060, -24.2980

Protanopia

182.1850, 18.1120, -8.8640

Deuteranopia

183.8150, 25.4460, 1.3980



Tritanopia

179.6470, -26.8670, -3.1790

Trichromacy



Original Color

175.3650, -18.1060, -24.2980

Protanomaly

179.7810, 4.4500, -14.5740

Deuteranomaly

180.6340, 9.5380, -7.6620

Tritanomaly

178.4590, -23.7020, -10.9820

Monochromacy



Original Color

175.3650, -18.1060, -24.2980

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1960, -6.7840, -9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3650, -18.1060, -24.2980 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(143, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 196, 154)  
}
```

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(143, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 196, 154) }
```

Border

The CSS property to change the border of an element to YIQ 175.3650, -18.1060, -24.2980 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(143, 196, 154) }
```


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

```
.border{ border-color:rgb(143, 196, 154) }
```

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

Here you see how a box with a 4 pixel rgb(143, 196, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 196,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3650, -18.1060, -24.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 196, 154) }
```

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

```
.background{ background-color: rgb(143,  
196, 154) }
```

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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