

Converting Colors

YIQ(174.9540, -2.3860, 10.2060)

Have a look what the booklet for
YIQ(174.9540, -2.3860, 10.2060)
contains.

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Color

**YIQ(174.9540, -2.3860,
10.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A9C3
RGB	179, 169, 195
RGB Percent	70%, 66%, 76%
CMY	0.2980, 0.3373, 0.2353
CMYK	0.08, 0.13, 0.00, 0.24
HSL	263°, 18%, 71%
HSV	263°, 13%, 76%
XYZ	42.6294, 41.8991, 57.4658
YIQ	174.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

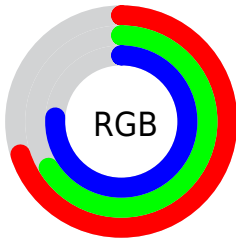
Format	Color
R_{YB}	179, 169, 195
Decimal	11774403
CIE _{Lab}	70.80, 8.59, -11.97
CIE _{LCh}	71, 14.731, 305.658
Yxy	41.8991, 0.3002, 0.2951
Android (android.graphics.Color)	4289964483 (0xFFB3A9C3)
YUV	174.9540, 9.8827, 3.5483
Hunter-Lab	64.7295, 4.2795, -7.3260

Details

The YIQ color $174.9540, -2.3860, 10.2060$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.0460, 2.3860, -10.2060$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.4810, -2.4320, 11.0400$, and $122.4270, -2.3400, 9.3720$ is the 20% darker color. If you saturate the color by 10%, you get $160.2130, -4.3130, 17.5990$, and if you desaturate by 10%, it is $189.6950, -0.4590, 2.8130$.

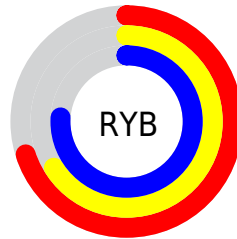
Distribution



Red (70%)

Green (66%)

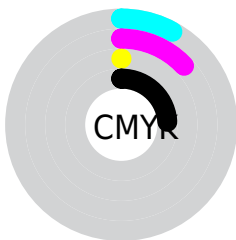
Blue (76%)



Red (70%)

Yellow (66%)

Blue (76%)

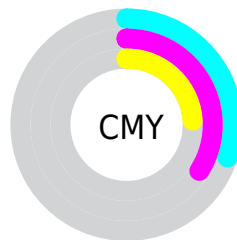


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9540, -2.3860, 10.2060 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 174.9540, -2.3860, 10.2060 by changing the saturation by 10% instead.

■ 174.9540, -2.3860,
10.2060

■ 174.9540, -2.3860,
10.2060

■ 255.0000, -0.0000,
-0.0000

■ 148.5410, -2.6610,
9.6830

■ 230.4810, -2.4320,
11.0400

■ 122.4270, -2.3400,
9.3720

■ 253.8260, 0.5500,
1.0460

■ 97.4270, -2.3400,
9.3720

■ 73.9000, -2.2940,
8.5380

■ 51.4870, -2.5690,
8.0150

■ 29.9600, -2.5230,
7.1810

■ 6.1390, -1.4690,

10.1070

■ 0.0000, 0.0000,
0.0000

■ 174.9540, -2.3860,
10.2060

■ 174.9540, -2.3860,
10.2060

■ 160.2130, -4.3130,
17.5990

■ 189.6950, -0.4590,
2.8130

■ 144.8850, -5.9650,
25.5150

■ 205.0230, 1.1930,
-5.1030

■ 130.1440, -7.8920,
32.9080

■ 219.7640, 3.1200,
-12.4960

■ 114.8160, -9.5440,
40.8240

■ 235.0920, 4.7720,
-20.4120

■ 100.0750,
-11.4710, 48.2170

■ 243.3760, 9.7240,
-22.0520

■ 84.7470, -13.1230,
56.1330

■ 246.9640, 16.8760,
-19.5080

■ 70.0060, -15.0500,
63.5260

■ 248.1600, 19.2600,
-18.6600

■ 54.6780, -16.7020,
71.4420

■ 44.6550, -17.8950,
76.5450

Harmonies

Analogous

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



173.3760, -15.4980, 5.5420



174.9540, -2.3860, 10.2060



175.6520, 10.2680, 12.1560

Triad

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



174.9540, -2.3860, 10.2060



174.1950, 21.3200, -0.9200



168.3560, -21.9140, -10.3460

Complementary

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



174.9540, -2.3860, 10.2060



189.0460, 2.3860, -10.2060

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.



169.2770, -11.5060, -11.7460



174.9540, -2.3860, 10.2060



172.4280, 13.1140, -6.3900

Square

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



174.9540, -2.3860, 10.2060



174.9660, 23.7030, 5.4550



170.7470, 1.7900, -10.4180



168.6530, -27.0040, -6.2040

Rectangle

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



174.9540, -2.3860, 10.2060



175.8330, 17.0080, 11.1520



170.7470, 1.7900, -10.4180



168.7970, -18.8420, -10.9540

Sweetspot

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



174.9540, -2.3860, 10.2060



244.3360, -0.8260, 3.9580



181.3560, -12.7460, -0.2820



122.6950, -0.4590, 2.8130



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.



174.9540, -2.3860, 10.2060



221.3440, -3.3040, 15.8320



178.8410, 5.3620, 12.9620



89.3360, -0.8260, 3.9580



36.8920, -14.7290, 63.2150



7.6490, -2.8450, 13.0190

Inverse Universe

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



178.5980, 10.3600, 10.4880



226.8100, 15.8150, 16.2550



185.1590, -5.3620, -12.9620



90.6740, 4.0340, 3.9860



59.4250, 64.1770, 64.9210



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 174.9540, -2.3860, 10.2060 looks on a white background.

Color Contrast Check

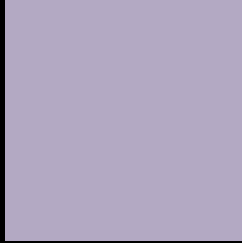
Large Text (above 18pt) WCAG AA × Fail

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 174.9540, -2.3860, 10.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

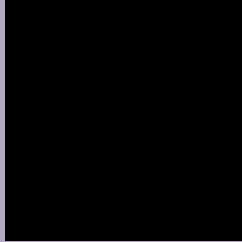
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9540, -2.3860, 10.2060

Background



This preview shows how black text looks on a background with the YIQ color 174.9540, -2.3860, 10.2060.



This preview shows how white text looks on a background with the YIQ color 174.9540, -2.3860,

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

174.9540, -2.3860, 10.2060

Protanopia

173.9530, -9.8130, 7.1390

Deuteranopia

175.2530, -1.7900, 10.4180



Tritanopia

174.2760, -0.5970, 5.3150

Trichromacy



Original Color

174.9540, -2.3860, 10.2060

Protanomaly

174.4480, -6.8330, 8.1990

Deuteranomaly

175.2530, -1.7900, 10.4180

Tritanomaly

174.4440, -1.0100, 7.2940

Monochromacy



Original Color

174.9540, -2.3860, 10.2060

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9540, -2.3860, 10.2060 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(179, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(179, 169, 195)  
}
```

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(179, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 169, 195) }
```

Border

The CSS property to change the border of an element to YIQ 174.9540, -2.3860, 10.2060 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(179, 169, 195) }
```


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

```
.border{ border-color:rgb(179, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(179, 169,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9540, -2.3860, 10.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 169, 195) }
```

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

```
.background{ background-color: rgb(179,  
169, 195) }
```

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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