

Converting Colors

YIQ(174.7640, -4.9070, 6.3330)

Have a look what the booklet for
YIQ(174.7640, -4.9070, 6.3330)
contains.

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Color

**YIQ(174.7640, -4.9070,
6.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	AEACBF
RGB	174, 172, 191
RGB Percent	68%, 67%, 75%
CMY	0.3176, 0.3255, 0.2510
CMYK	0.09, 0.10, 0.00, 0.25
HSL	246°, 13%, 71%
HSV	246°, 10%, 75%
XYZ	41.6119, 42.2651, 55.2500
YIQ	174.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

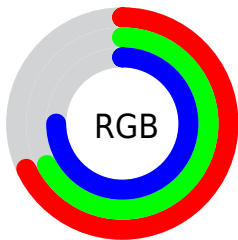
Format	Color
RYB	174, 172, 191
Decimal	11447487
CIELab	71.05, 4.43, -9.43
CIELCh	71, 10.419, 295.170
Yxy	42.2651, 0.2991, 0.3038
Android (android.graphics.Color)	4289637567 (0xFFAEACBF)
YUV	174.7640, 8.0043, -0.6700
Hunter-Lab	65.0116, 0.4819, -4.8793

Details

The YIQ color **174.7640, -4.9070, 6.3330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **188.2360, 4.9070, -6.3330**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.1770, -4.6320, 6.8560**, and **122.6500, -4.5860, 6.0220** is the 20% darker color. If you saturate the color by 10%, you get **158.5280, -9.8140, 12.6660**, and if you desaturate by 10%, it is **191.0000, -0.0000, -0.0000**.

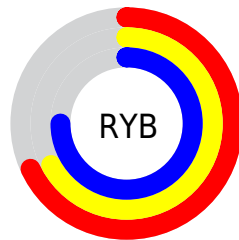
Distribution



Red (68%)

Green (67%)

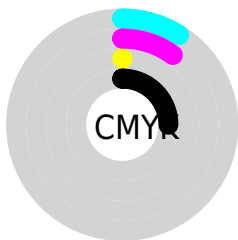
Blue (75%)



Red (68%)

Yellow (67%)

Blue (75%)

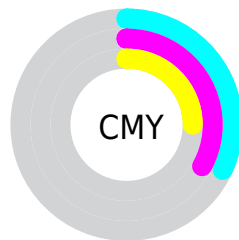


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7640, -4.9070, 6.3330 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 174.7640, -4.9070, 6.3330 by changing the saturation by 10% instead.

■ 174.7640, -4.9070,
6.3330

■ 174.7640, -4.9070,
6.3330

255.0000, -0.0000,
-0.0000

■ 147.7640, -4.9070,
6.3330

■ 230.1770, -4.6320,
6.8560

■ 122.6500, -4.5860,
6.0220

■ 97.5360, -4.2650,
5.7110

■ 73.5360, -4.2650,
5.7110

■ 51.0090, -4.2190,
4.8770

■ 29.8950, -3.8980,
4.5660

■ 4.5900, -4.3570,

7.3790

0.0000, 0.0000,
0.0000

174.7640, -4.9070,
6.3330

174.7640, -4.9070,
6.3330

158.5280, -9.8140,
12.6660

191.0000, -0.0000,
-0.0000

142.2920,
-14.7210, 18.9990

207.2360, 4.9070,
-6.3330

126.0560,
-19.6280, 25.3320

223.4720, 9.8140,
-12.6660

109.8200,
-24.5350, 31.6650

239.7080, 14.7210,
-18.9990

93.5840, -29.4420,
37.9980

247.7040, 20.5440,
-19.9040

■ 76.4620, -34.6700,
44.6420

■ 60.2260, -39.5770,
50.9750

■ 43.9900, -44.4840,
57.3080

■ 27.7540, -49.3910,
63.6410

Harmonies

Analogous

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



173.1650, -13.5260, 2.8420



174.7640, -4.9070, 6.3330



175.6080, 4.4000, 8.3680

Triad

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



174.7640, -4.9070, 6.3330



175.0250, 16.0470, 1.0310



171.3140, -12.9280, -8.0000

Complementary

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



174.7640, -4.9070, 6.3330



188.2360, 4.9070, -6.3330

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.



171.5060, -4.7210, -8.0570



174.7640, -4.9070, 6.3330



173.9380, 11.7380, -3.4780

Square

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



174.7640, -4.9070, 6.3330



175.8450, 16.7340, 5.1020



172.9370, 4.3110, -6.5450



170.6710, -18.2470, -5.2150

Rectangle

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



174.7640, -4.9070, 6.3330



175.8320, 9.5810, 8.0850



172.9370, 4.3110, -6.5450



170.9830, -10.4980, -7.9860

Sweetspot

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



174.7640, -4.9070, 6.3330



241.0970, -1.6510, 2.3890



184.1450, -10.7740, -2.9820



120.5700, -1.6050, 1.5550



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



174.7640, -4.9070, 6.3330



222.2030, -7.5210, 9.6550



177.4550, 0.4570, 8.2410



86.3250, -2.2930, 3.0110



23.0950, -40.5860, 52.7420



4.4310, -8.1630, 10.2770

Inverse Universe

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



179.6190, 5.8670, 9.3150



229.6350, 8.9380, 14.2340



185.5450, -0.4570, -8.2410



88.6030, 2.7960, 4.3960



63.3160, 48.9070, 77.3470



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 174.7640, -4.9070, 6.3330 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 174.7640, -4.9070, 6.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

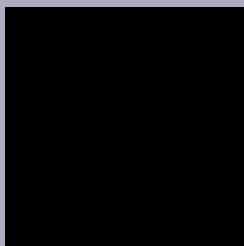
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

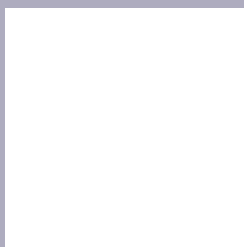
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.7640, -4.9070, 6.3330

Background



This preview shows how black text looks on a background with the YIQ color 174.7640, -4.9070, 6.3330.



This preview shows how white text looks on a background with the YIQ color 174.7640, -4.9070,

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

174.7640, -4.9070, 6.3330

Protanopia

174.7530, -6.3740, 5.3860

Deuteranopia

175.8080, 0.9610, 10.1210



Tritanopia

174.4820, -4.1730, 4.0430

Trichromacy



Original Color

174.7640, -4.9070, 6.3330

Protanomaly

175.0520, -5.7780, 5.5980

Deuteranomaly

175.4980, -1.1020, 8.9620

Tritanomaly

174.7100, -4.8150, 4.6650

Monochromacy



Original Color

174.7640, -4.9070, 6.3330

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0970, -1.6510, 2.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7640, -4.9070, 6.3330 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, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 172, 191)  
}
```

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, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 172, 191) }
```

Border

The CSS property to change the border of an element to YIQ 174.7640, -4.9070, 6.3330 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, 172, 191) }
```


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

```
.border{ border-color:rgb(174, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 172,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7640, -4.9070, 6.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 172, 191) }
```

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

```
.background{ background-color: rgb(174,  
172, 191) }
```

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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