

Converting Colors

YIQ(121.7070, -0.7330, -3.2370)

Have a look what the booklet for
YIQ(121.7070, -0.7330, -3.2370)
contains.

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Color

**YIQ(121.7070, -0.7330,
-3.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	777C75
RGB	119, 124, 117
RGB Percent	47%, 49%, 46%
CMY	0.5333, 0.5137, 0.5412
CMYK	0.04, 0.00, 0.06, 0.51
HSL	103°, 3%, 47%
HSV	103°, 6%, 49%
XYZ	18.0260, 19.6218, 19.6671
YIQ	121.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

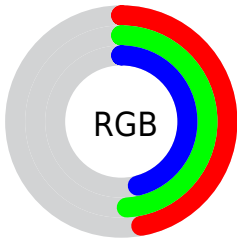
Format	Color
R_{YB}	117, 124, 122
Decimal	7830645
CIE Lab	51.41, -3.28, 3.16
CIE LCh	51, 4.555, 136.008
Yxy	19.6218, 0.3145, 0.3424
Android (android.graphics.Color)	4286020725 (0xFF777C75)
YUV	121.7070, -2.3206, -2.3740
Hunter-Lab	44.2965, -4.8802, 4.6835

Details

The YIQ color $[121.7070, -0.7330, -3.2370]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[119.2930, 0.7330, 3.2370]$, and the grayscale version is $[122.0000, 0.0000, -0.0000]$.

A 20% lighter version of the original color is $[173.7070, -0.7330, -3.2370]$, and $[73.1200, -0.4580, -2.7140]$ is the 20% darker color. If you saturate the color by 10%, you get $[117.6480, -2.2450, -8.8770]$, and if you desaturate by 10%, it is $[125.7660, 0.7790, 2.4030]$.

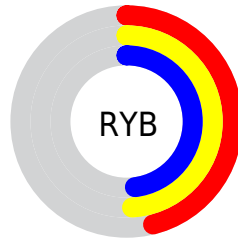
Distribution



Red (47%)

Green (49%)

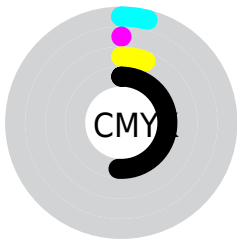
Blue (46%)



Red (46%)

Yellow (49%)

Blue (48%)

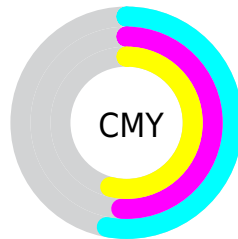


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7070, -0.7330, -3.2370 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 121.7070, -0.7330, -3.2370 by changing the saturation by 10% instead.

■ 121.7070, -0.7330,
-3.2370

■ 121.7070, -0.7330,
-3.2370

■ 255.0000, -0.0000,
-0.0000

■ 96.7070, -0.7330,
-3.2370

■ 173.7070, -0.7330,
-3.2370

■ 73.1200, -0.4580,
-2.7140

■ 201.2940, -1.0080,
-3.7600

■ 50.8210, -1.0540,
-2.9260

■ 229.2940, -1.0080,
-3.7600

■ 29.2340, -0.7790,
-2.4030

■ 254.7720, 0.6420,
-0.6220

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 121.7070, -0.7330,
-3.2370

■ 121.7070, -0.7330,
-3.2370

■ 117.6480, -2.2450,
-8.8770

■ 125.7660, 0.7790,
2.4030

■ 113.4750, -3.4360,
-14.8280

■ 129.9390, 1.9700,
8.3540

■ 109.4160, -4.9480,
-20.4680

■ 133.9980, 3.4820,
13.9940

■ 105.5420, -5.5430,
-26.2070

■ 137.8720, 4.0770,
19.7330

■ 101.4830, -7.0550,
-31.8470

■ 141.9310, 5.5890,
25.3730

■ 97.4240, -8.5670,
-37.4870

■ 145.9900, 7.1010,
31.0130

■ 93.2510, -9.7580,
-43.4380


■ 150.1630, 8.2920,
36.9640


■ 89.1920, -11.2700,

■ 154.2220, 9.8040,

-49.0780

42.6040

 85.0190, -12.4610,
-55.0290

 158.3950, 10.9950,
48.5550

Harmonies

Analogous

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



122.3870, 3.1640, -2.2760



121.7070, -0.7330, -3.2370



121.4400, -4.3550, -3.6750

Triad

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



121.7070, -0.7330, -3.2370



122.0040, -5.8230, 0.9050



123.2890, 6.5560, 2.3320

Complementary

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



121.7070, -0.7330, -3.2370



119.2930, 0.7330, 3.2370

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.



123.1470, 4.0800, 3.1520



121.7070, -0.7330, -3.2370



122.6130, -3.1640, 2.2760

Square

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



121.7070, -0.7330, -3.2370



121.4660, -7.2440, -0.8760



123.2930, 0.7330, 3.2370



123.2350, 6.6480, 0.6640

Rectangle

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



121.7070, -0.7330, -3.2370



121.4830, -5.9140, -2.9540



123.2930, 0.7330, 3.2370



123.5170, 5.9140, 2.9540

Sweetspot

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



121.7070, -0.7330, -3.2370



159.6470, -0.5040, -1.8800



122.0280, 2.7970, -1.1310



81.1740, -0.5500, -1.0460



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



121.7070, -0.7330, -3.2370



157.2400, -0.9160, -5.4280



121.2230, -2.2460, -3.3500



59.5330, -0.1830, -2.1910



84.1390, -12.9190, -57.7430



169.4520, -26.3880, -116.5320

Inverse Universe

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



119.2930, 0.7330, 3.2370



152.7600, 0.9160, 5.4280



119.7770, 2.2460, 3.3500



57.7660, 0.7790, 2.4030



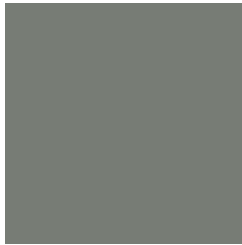
40.8610, 12.9190, 57.7430



82.8470, 26.9840, 116.7440

Previews

White Background



This preview shows how the YIQ color 121.7070, -0.7330, -3.2370 looks on a white background.

Color Contrast Check

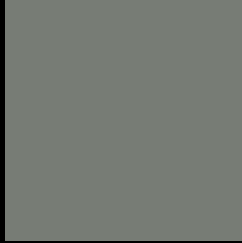
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7070, -0.7330, -3.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

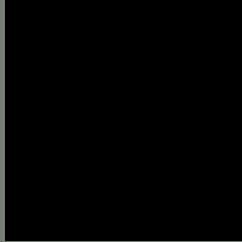
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

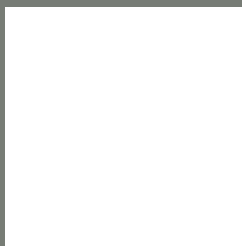
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.7070, -0.7330, -3.2370

Background



This preview shows how black text looks on a background with the YIQ color 121.7070, -0.7330, -3.2370.



This preview shows how white text looks on a background with the YIQ color 121.7070, -0.7330,

-3.2370.

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

121.7070, -0.7330, -3.2370

Protanopia

122.5120, 4.3100, -1.0180

Deuteranopia

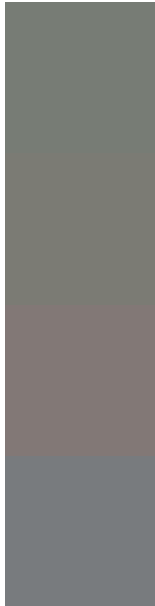
123.3820, 10.7280, 3.8160



Tritanopia

122.7270, -3.4850, 2.5870

Trichromacy



Original Color

121.7070, -0.7330, -3.2370

Protanomaly

122.2020, 2.2470, -2.1770

Deuteranomaly

122.7620, 6.6020, 1.4980

Tritanomaly

122.4450, -2.7510, 0.2970

Monochromacy



Original Color

121.7070, -0.7330, -3.2370

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0600, -0.2290, -1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7070, -0.7330, -3.2370 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(119, 124, 117)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 117)  
}
```

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(119, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 117) }
```

Border

The CSS property to change the border of an element to YIQ 121.7070, -0.7330, -3.2370 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(119, 124, 117) }
```


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

```
.border{ border-color:rgb(119, 124, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7070, -0.7330, -3.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 117) }
```

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

```
.background{ background-color: rgb(119,  
124, 117) }
```

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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