

Converting Colors

YIQ(119.8320, 0.4130, -1.9790)

Have a look what the booklet for
YIQ(119.8320, 0.4130, -1.9790)
contains.

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Color

**YIQ(119.8320, 0.4130,
-1.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	777974
RGB	119, 121, 116
RGB Percent	47%, 47%, 45%
CMY	0.5333, 0.5255, 0.5451
CMYK	0.02, 0.00, 0.04, 0.53
HSL	84°, 2%, 46%
HSV	84°, 4%, 47%
XYZ	17.5974, 18.8577, 19.2358
YIQ	119.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

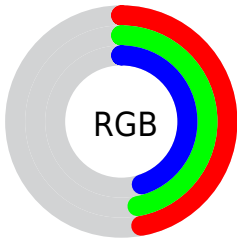
Format	Color
R_{YB}	116, 121, 118
Decimal	7829876
CIE Lab	50.52, -1.75, 2.47
CIE LCh	51, 3.025, 125.352
Yxy	18.8577, 0.3160, 0.3386
Android (android.graphics.Color)	4286019956 (0xFF777974)
YUV	119.8320, -1.8892, -0.7297
Hunter-Lab	43.4255, -3.6606, 4.1346

Details

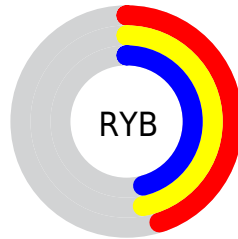
The YIQ color **119.8320, 0.4130, -1.9790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.1680, -0.4130, 1.9790**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.8320, 0.4130, -1.9790**, and **71.8320, 0.4130, -1.9790** is the 20% darker color. If you saturate the color by 10%, you get **116.9690, 1.2850, -6.7710**, and if you desaturate by 10%, it is **122.6950, -0.4590, 2.8130**.

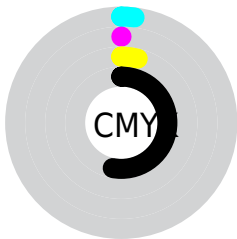
Distribution



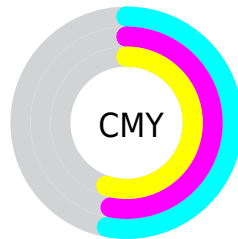
- Red (47%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8320, 0.4130, -1.9790 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 119.8320, 0.4130, -1.9790 by changing the saturation by 10% instead.

■ 119.8320, 0.4130,
-1.9790

■ 119.8320, 0.4130,
-1.9790

255.0000, -0.0000,
-0.0000

■ 94.8320, 0.4130,
-1.9790

■ 171.8320, 0.4130,
-1.9790

■ 71.8320, 0.4130,
-1.9790

■ 199.4190, 0.1380,
-2.5020

■ 48.9460, 0.0920,
-1.6680

■ 227.4190, 0.1380,
-2.5020

■ 27.9460, 0.0920,
-1.6680

254.6580, 0.9630,
-0.9330

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 119.8320, 0.4130,
-1.9790

■ 119.8320, 0.4130,
-1.9790

■ 116.9690, 1.2850,
-6.7710

■ 122.6950, -0.4590,
2.8130

■ 114.1060, 2.1570,
-11.5630

■ 125.5580, -1.3310,
7.6050

■ 111.2430, 3.0290,
-16.3550

■ 128.4210, -2.2030,
12.3970

■ 108.6790, 4.4970,
-20.9350

■ 130.9850, -3.6710,
16.9770

■ 105.8160, 5.3690,
-25.7270

■ 133.9620, -4.8640,
22.0800

■ 102.8390, 6.5620,
-30.8300

■ 136.8250, -5.7360,
26.8720

■ 99.9760, 7.4340,
-35.6220

■ 139.6880, -6.6080,
31.6640

■ 97.1130, 8.3060,

■ 142.5510, -7.4800,

-40.4140

36.4560

■ 94.2500, 9.1780,
-45.2060

■ 145.4140, -8.3520,
41.2480

Harmonies

Analogous

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



120.0280, 2.7970, -1.1310



119.8320, 0.4130, -1.9790



119.7500, -2.2920, -2.5160

Triad

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



119.8320, 0.4130, -1.9790



119.9610, -4.2640, 0.1840



121.2070, 3.8510, 1.7950

Complementary

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



119.8320, 0.4130, -1.9790



117.1680, -0.4130, 1.9790

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.



120.8370, 2.0170, 1.9930



119.8320, 0.4130, -1.9790



119.9720, -2.7970, 1.1310

Square

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



119.8320, 0.4130, -1.9790



119.7220, -5.0890, -1.3850



120.1680, -0.4130, 1.9790



120.8650, 4.8140, 0.8620

Rectangle

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



119.8320, 0.4130, -1.9790



119.6790, -3.5300, -2.1060



120.1680, -0.4130, 1.9790



121.0220, 2.9340, 1.8940

Sweetspot

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



119.8320, 0.4130, -1.9790



157.5870, -0.2750, -0.5230



118.6690, 2.4300, 0.0140



78.8860, 0.3210, -0.3110



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



119.8320, 0.4130, -1.9790



156.1910, 0.7800, -3.1240



119.2340, -0.7790, -2.4030



60.3590, 0.3670, -1.1450



95.8000, 10.3250, -49.4750



193.0730, 20.6960, -99.7840

Inverse Universe

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



117.1680, -0.4130, 1.9790



151.8090, -0.7800, 3.1240



118.0650, 1.3750, 2.6150



58.6410, -0.3670, 1.1450



29.2000, -10.3250, 49.4750



58.9270, -20.6960, 99.7840

Previews

White Background



This preview shows how the YIQ color 119.8320, 0.4130, -1.9790 looks on a white background.

Color Contrast Check

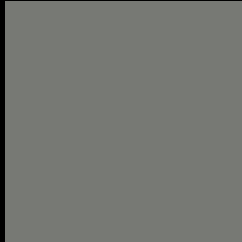
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8320, 0.4130, -1.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

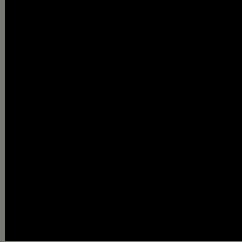
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8320, 0.4130, -1.9790

Background



This preview shows how black text looks on a background with the YIQ color 119.8320, 0.4130, -1.9790.



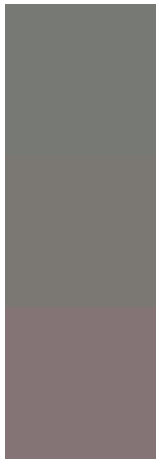
This preview shows how white text looks on a background with the YIQ color 119.8320, 0.4130,

-1.9790.

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

119.8320, 0.4130, -1.9790

Protanopia

120.3270, 3.3930, -0.9190

Deuteranopia

121.1970, 9.8110, 3.9150



Tritanopia

120.7380, -2.0180, 3.5340

Trichromacy



Original Color

119.8320, 0.4130, -1.9790

Protanomaly

120.0280, 2.7970, -1.1310

Deuteranomaly

120.8760, 6.2810, 1.8090

Tritanomaly

120.4560, -1.2840, 1.2440

Monochromacy



Original Color

119.8320, 0.4130, -1.9790

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8320, 0.4130, -1.9790 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, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 116)  
}
```

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, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 116) }
```

Border

The CSS property to change the border of an element to YIQ 119.8320, 0.4130, -1.9790 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, 121, 116) }
```


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

```
.border{ border-color:rgb(119, 121, 116) }
```

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

Here you see how a box with a 4 pixel rgb(119, 121, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 116);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8320, 0.4130, -1.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 116) }
```

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

```
.background{ background-color: rgb(119,  
121, 116) }
```

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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