

Converting Colors

YIQ(122.8000, 3.4390, -1.7530)

Have a look what the booklet for
YIQ(122.8000, 3.4390, -1.7530)
contains.

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Color

**YIQ(122.8000, 3.4390,
-1.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7B74
RGB	125, 123, 116
RGB Percent	49%, 48%, 45%
CMY	0.5098, 0.5176, 0.5451
CMYK	0.00, 0.02, 0.07, 0.51
HSL	47°, 4%, 47%
HSV	47°, 7%, 49%
XYZ	18.6930, 19.7868, 19.3585
YIQ	122.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

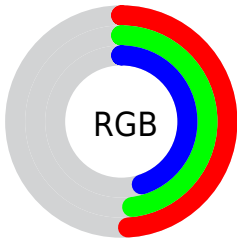
Format	Color
R_{YB}	119, 125, 116
Decimal	8223604
CIE Lab	51.60, -0.59, 4.08
CIE LCh	52, 4.125, 98.202
Yxy	19.7868, 0.3232, 0.3421
Android (android.graphics.Color)	4286413684 (0xFF7D7B74)
YUV	122.8000, -3.3524, 1.9294
Hunter-Lab	44.4823, -2.8322, 5.3349

Details

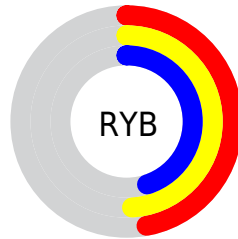
The YIQ color $122.8000, 3.4390, -1.7530$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $118.2000, -3.4390, 1.7530$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.0990, 4.0350, -1.5410$, and $73.9140, 3.1180, -1.4420$ is the 20% darker color. If you saturate the color by 10%, you get $119.6710, 8.1160, -3.9160$, and if you desaturate by 10%, it is $126.0430, -1.5590, 0.7210$.

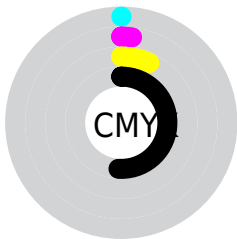
Distribution



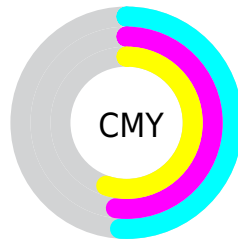
- Red (49%)
- Green (48%)
- Blue (45%)



- Red (47%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8000, 3.4390, -1.7530 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 122.8000, 3.4390, -1.7530 by changing the saturation by 10% instead.

■ 122.8000, 3.4390,
-1.7530

■ 122.8000, 3.4390,
-1.7530

255.0000, -0.0000,
-0.0000

■ 97.8000, 3.4390,
-1.7530

■ 175.0990, 4.0350,
-1.5410

■ 73.9140, 3.1180,
-1.4420

■ 202.6860, 3.7600,
-2.0640

■ 51.6150, 2.5220,
-1.6540

■ 230.6860, 3.7600,
-2.0640

■ 30.6150, 2.5220,
-1.6540

254.6580, 0.9630,
-0.9330

■ 5.6150, 2.5220,
-1.6540

■ 0.0000, 0.0000,
0.0000

■ 122.8000, 3.4390,
-1.7530

■ 122.8000, 3.4390,
-1.7530

■ 119.6710, 8.1160,
-3.9160

■ 126.0430, -1.5590,
0.7210

■ 116.4280, 13.1140,
-6.3900

■ 129.1720, -6.2360,
2.8840

■ 113.8860, 17.5160,
-9.0760

■ 131.8280,
-10.9590, 5.8810

■ 110.6430, 22.5140,
-11.5500

■ 134.9570,
-15.6360, 8.0440

■ 107.5140, 27.1910,
-13.7130

■ 138.2000,
-20.6340, 10.5180

■ 104.2710, 32.1890,
-16.1870

■ 141.3290,
-25.3110, 12.6810

■ 101.7290, 36.5910,
-18.8730

■ 143.9850,
-30.0340, 15.6780

■ 98.4860, 41.5890,

■ 147.1140,

-21.3470

-34.7110, 17.8410

■ 95.3570, 46.2660,
-23.5100

■ 150.3570,
-39.7090, 20.3150

Harmonies

Analogous

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



123.5230, 5.7770, -0.0710



122.8000, 3.4390, -1.7530



122.3050, 0.4590, -2.8130

Triad

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



122.8000, 3.4390, -1.7530



122.2380, -6.6020, -1.4980



123.9620, 3.1630, 3.2510

Complementary

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



122.8000, 3.4390, -1.7530



118.2000, -3.4390, 1.7530

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.



123.5810, -0.1380, 2.5020



122.8000, 3.4390, -1.7530



122.4770, -5.7770, 0.0710

Square

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



122.8000, 3.4390, -1.7530



121.8960, -5.6390, -2.4310



123.2000, -3.4390, 1.7530



124.1040, 5.6390, 2.4310

Rectangle

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



122.8000, 3.4390, -1.7530



122.2230, -2.2460, -3.3500



123.2000, -3.4390, 1.7530



123.4780, 1.6500, 3.1380

Sweetspot

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



122.8000, 3.4390, -1.7530



162.0710, 1.2380, -0.4100



118.9190, 4.7220, 2.5300



81.1850, 0.9170, -0.0990



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.



122.8000, 3.4390, -1.7530



159.6430, 5.3190, -2.7850



123.3760, 1.6970, -3.2230



62.0280, 2.7970, -1.1310



96.3850, 49.0630, -24.6410



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.2000, -3.4390, 1.7530



152.3570, -5.3190, 2.7850



117.6240, -1.6970, 3.2230



58.9720, -2.7970, 1.1310



31.0280, -48.7880, 25.1640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.8000, 3.4390, -1.7530 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 122.8000, 3.4390, -1.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

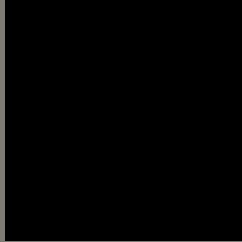
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

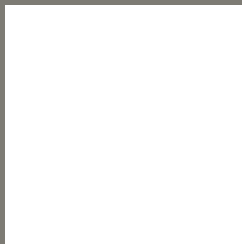
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.8000, 3.4390, -1.7530

Background



This preview shows how black text looks on a background with the YIQ color 122.8000, 3.4390, -1.7530.



This preview shows how white text looks on a background with the YIQ color 122.8000, 3.4390,

-1.7530.

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

122.8000, 3.4390, -1.7530

Protanopia

122.8110, 4.9060, -0.8060

Deuteranopia

124.1540, 11.3700, 3.1940



Tritanopia

123.8200, 0.6870, 4.0710

Trichromacy



Original Color

122.8000, 3.4390, -1.7530

Protanomaly

122.5120, 4.3100, -1.0180

Deuteranomaly

123.5450, 8.7110, 1.8230

Tritanomaly

123.5380, 1.4210, 1.7810

Monochromacy



Original Color

122.8000, 3.4390, -1.7530

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8000, 3.4390, -1.7530 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(125, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 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(125, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 116) }
```

Border

The CSS property to change the border of an element to YIQ 122.8000, 3.4390, -1.7530 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(125, 123, 116) }
```


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

```
.border{ border-color:rgb(125, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8000, 3.4390, -1.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 116) }
```

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

```
.background{ background-color: rgb(125,  
123, 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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