

Converting Colors

YIQ(122.0970, -1.6510, 2.3890)

Have a look what the booklet for
YIQ(122.0970, -1.6510, 2.3890)
contains.

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Color

**YIQ(122.0970, -1.6510,
2.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7980
RGB	122, 121, 128
RGB Percent	48%, 47%, 50%
CMY	0.5216, 0.5255, 0.4980
CMYK	0.05, 0.05, 0.00, 0.50
HSL	249°, 3%, 49%
HSV	249°, 5%, 50%
XYZ	18.7597, 19.3708, 23.1712
YIQ	122.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

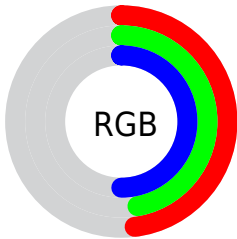
Format	Color
R_{YB}	122, 121, 128
Decimal	8026496
CIE Lab	51.12, 1.81, -3.68
CIE LCh	51, 4.107, 296.199
Yxy	19.3708, 0.3060, 0.3160
Android (android.graphics.Color)	4286216576 (0xFF7A7980)
YUV	122.0970, 2.9102, -0.0851
Hunter-Lab	44.0122, -0.9380, -0.4059

Details

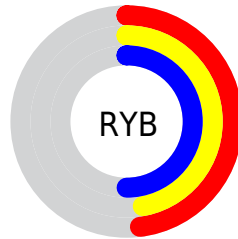
The YIQ color **122.0970, -1.6510, 2.3890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.9030, 1.6510, -2.3890**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.2110, -1.9720, 2.7000**, and **73.6840, -1.9260, 1.8660** is the 20% darker color. If you saturate the color by 10%, you get **111.1770, -4.6320, 6.8560**, and if you desaturate by 10%, it is **133.0170, 1.3300, -2.0780**.

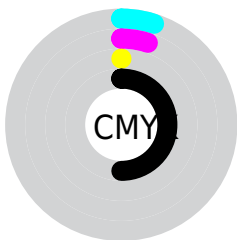
Distribution



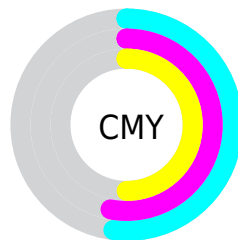
- Red (48%)
- Green (47%)
- Blue (50%)



- Red (48%)
- Yellow (47%)
- Blue (50%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.0970, -1.6510, 2.3890 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 122.0970, -1.6510, 2.3890 by changing the saturation by 10% instead.

■ 122.0970, -1.6510,
2.3890

■ 122.0970, -1.6510,
2.3890

■ 255.0000, -0.0000,
-0.0000

■ 97.0970, -1.6510,
2.3890

■ 174.2110, -1.9720,
2.7000

■ 73.6840, -1.9260,
1.8660

■ 202.0970, -1.6510,
2.3890

■ 50.9830, -1.3300,
2.0780

■ 230.2110, -1.9720,
2.7000

■ 29.9830, -1.3300,
2.0780

■ 4.7380, -2.0180,
3.5340

■ 0.0000, 0.0000,
0.0000

■ 122.0970, -1.6510,
2.3890

■ 122.0970, -1.6510,
2.3890

■ 111.1770, -4.6320,
6.8560

■ 133.0170, 1.3300,
-2.0780

■ 100.2570, -7.6130,
11.3230

■ 143.9370, 4.3110,
-6.5450

■ 89.9240, -10.8690,
15.2670

■ 154.2700, 7.5670,
-10.4890

■ 79.0040, -13.8500,
19.7340

■ 165.1900, 10.5480,
-14.9560

■ 68.0840, -16.8310,
24.2010

■ 176.1100, 13.5290,
-19.4230

■ 57.1640, -19.8120,
28.6680

■ 187.0300, 16.5100,
-23.8900

■ 46.2440, -22.7930,
33.1350

■ 197.9500, 19.4910,
-28.3570

■ 35.9110, -26.0490,

■ 208.2830, 22.7470,

37.0790

-32.3010

■ 24.9910, -29.0300,
41.5460

■ 219.2030, 25.7280,
-36.7680

Harmonies

Analogous

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



121.6020, -4.6310, 1.3290



122.0970, -1.6510, 2.3890



122.4780, 1.6500, 3.1380

Triad

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



122.0970, -1.6510, 2.3890



121.9360, 6.0520, 0.4520



120.6680, -4.9970, -3.0530

Complementary

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



122.0970, -1.6510, 2.3890



126.9030, 1.6510, -2.3890

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.



120.6360, -1.9710, -2.8270



122.0970, -1.6510, 2.3890



121.5120, 4.3100, -1.0180

Square

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



122.0970, -1.6510, 2.3890



122.8760, 6.2810, 1.8090



120.9030, 1.6510, -2.3890



120.8250, -6.8770, -2.0210

Rectangle

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



122.0970, -1.6510, 2.3890



122.8480, 3.4840, 2.9400



120.9030, 1.6510, -2.3890



120.8530, -4.0800, -3.1520

Sweetspot

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



122.0970, -1.6510, 2.3890



162.7550, -0.6880, 1.4560



125.3200, -3.8970, -0.9610



82.5270, -0.0460, 0.8340



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



122.0970, -1.6510, 2.3890



155.9660, -2.6600, 4.1560



122.9940, 0.1370, 3.0250



59.5700, -1.6050, 1.5550



19.9740, -30.3600, 43.6240



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.7770, 2.2460, 3.3500



158.7280, 3.9420, 5.6540



126.0060, -0.1370, -3.0250



60.9510, 1.6960, 2.3040



50.6980, 41.2990, 61.0350



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.0970, -1.6510, 2.3890 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 122.0970, -1.6510, 2.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

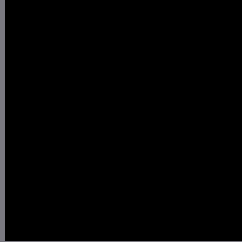
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

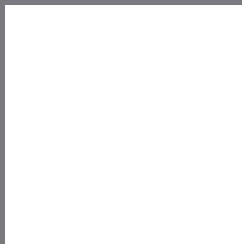
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.0970, -1.6510, 2.3890

Background



This preview shows how black text looks on a background with the YIQ color 122.0970, -1.6510, 2.3890.



This preview shows how white text looks on a background with the YIQ color 122.0970, -1.6510,

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

122.0970, -1.6510, 2.3890

Protanopia

122.0970, -1.6510, 2.3890

Deuteranopia

122.8420, 3.6210, 5.9650



Tritanopia

122.3250, -2.2930, 3.0110

Trichromacy



Original Color

122.0970, -1.6510, 2.3890

Protanomaly

122.0970, -1.6510, 2.3890

Deuteranomaly

122.5320, 1.5580, 4.8060

Tritanomaly

122.2110, -1.9720, 2.7000

Monochromacy



Original Color

122.0970, -1.6510, 2.3890

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.0970, -1.6510, 2.3890 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(122, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 128)  
}
```

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(122, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 128) }
```

Border

The CSS property to change the border of an element to YIQ 122.0970, -1.6510, 2.3890 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(122, 121, 128) }
```


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

```
.border{ border-color:rgb(122, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 122.0970, -1.6510, 2.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 128) }
```

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

```
.background{ background-color: rgb(122,  
121, 128) }
```

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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