

Converting Colors

YIQ(122.3010, 23.4770,
-12.4830)

Have a look what the booklet for
YIQ(122.3010, 23.4770, -12.4830)
contains.

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Color

**YIQ(122.3010, 23.4770,
-12.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	897C4B
RGB	137, 124, 75
RGB Percent	54%, 49%, 29%
CMY	0.4627, 0.5137, 0.7057
CMYK	0.00, 0.09, 0.45, 0.46
HSL	47°, 29%, 42%
HSV	47°, 45%, 54%
XYZ	18.7946, 20.2407, 9.5789
YIQ	122.3010, 23.4770, -12.4830

Conversions

Conversions Part 2

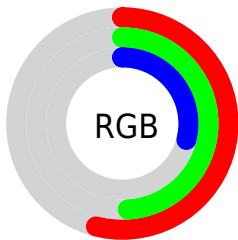
Format	Color
RYB	91, 137, 75
Decimal	9010251
CIELab	52.11, -2.27, 28.48
CIELCh	52, 28.568, 94.565
Yxy	20.2407, 0.3866, 0.4164
Android (android.graphics.Color)	4287200331 (0xFF897C4B)
YUV	122.3010, -23.3194, 12.8910
Hunter-Lab	44.9897, -4.1628, 18.8692

Details

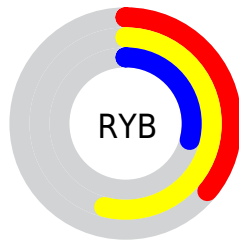
The YIQ color **122.3010, 23.4770, -12.4830** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.6990, -23.4770, 12.4830**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.9700, 25.9070, -12.4690**, and **72.7460, 20.7260, -12.1860** is the 20% darker color. If you saturate the color by 10%, you get **118.9440, 28.7960, -15.2680**, and if you desaturate by 10%, it is **125.6580, 18.1580, -9.6980**.

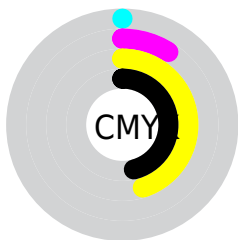
Distribution



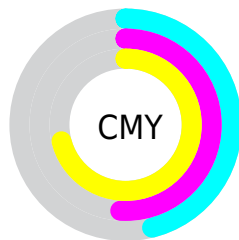
- Red (54%)
- Green (49%)
- Blue (29%)



- Red (36%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (45%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.3010, 23.4770, -12.4830 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 122.3010, 23.4770, -12.4830 by changing the saturation by 10% instead.

■ 122.3010, 23.4770,
-12.4830

■ 122.3010, 23.4770,
-12.4830

■ 255.0000, -0.0000,
-0.0000

■ 97.2300, 22.2390,
-12.0730

■ 174.9700, 25.9070,
-12.4690

■ 72.7460, 20.7260,
-12.1860

■ 202.7420, 26.5490,
-13.0910

■ 50.0340, 19.8550,
-12.9210

■ 230.9270, 27.4660,
-13.1900

■ 30.1460, 13.8480,
-8.6800

■ 249.3000, 16.0500,
-15.5500

■ 7.0770, 1.1010,
-3.4350

■ 252.6060, 6.7410,
-6.5310

■ 0.0000, 0.0000,
0.0000

■ 122.3010, 23.4770,
-12.4830

■ 122.3010, 23.4770,
-12.4830

■ 118.9440, 28.7960,
-15.2680

■ 125.6580, 18.1580,
-9.6980

■ 115.7010, 33.7940,
-17.7420

■ 128.9010, 13.1600,
-7.2240

■ 112.3440, 39.1130,
-20.5270

■ 132.2580, 7.8410,
-4.4390

■ 108.9870, 44.4320,
-23.3120

■ 135.0280, 2.7970,
-1.1310

■ 106.3310, 49.1550,
-26.3090

■ 138.3850, -2.5220,
1.6540

■ 104.3590, 51.9520,
-27.4400

■ 141.6280, -7.5200,
4.1280

■ 144.9850,
-12.8390, 6.9130

■ 148.3420,

-18.1580, 9.6980

■ 151.5850,
-23.1560, 12.1720

Harmonies

Analogous

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



124.5680, 36.2670, -1.9810



122.3010, 23.4770, -12.4830



119.5480, 3.4880, -19.1680

Triad

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



122.3010, 23.4770, -12.4830



105.7170, -68.5870, -18.0190



127.8690, 17.3270, 21.8950

Complementary

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



122.3010, 23.4770, -12.4830



89.6990, -23.4770, 12.4830

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.



126.9570, -6.4680, 18.1080



122.3010, 23.4770, -12.4830



113.0810, -57.4480, -5.1280

Square

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



122.3010, 23.4770, -12.4830



109.8470, -48.6420, -21.5540



121.8010, -32.6920, 8.7800



126.5580, 34.2000, 18.9680

Rectangle

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



122.3010, 23.4770, -12.4830



116.6970, -13.1090, -21.2450



121.8010, -32.6920, 8.7800



127.7480, 10.3580, 21.5420

Sweetspot

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



122.3010, 23.4770, -12.4830



172.6280, 9.6750, -4.6370



95.0200, 32.7790, 17.1870



85.5290, 5.6400, -3.0960



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



122.3010, 23.4770, -12.4830



155.6150, 36.9120, -19.1840



124.5500, 9.1740, -23.0980



67.0280, 2.7970, -1.1310



101.4020, 50.3930, -26.7190



3.8430, 1.8800, -1.0320

Inverse Universe

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



89.6990, -23.4770, 12.4830



104.7980, -36.6370, 19.7070



87.4500, -9.1740, 23.0980



63.3850, -2.5220, 1.6540



31.5980, -50.3930, 26.7190



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 122.3010, 23.4770, -12.4830 looks on a white background.

Color Contrast Check

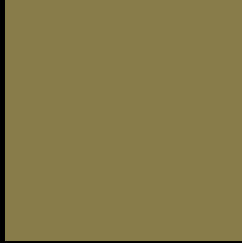
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.3010, 23.4770, -12.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

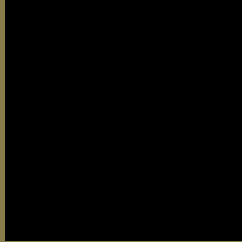
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.3010, 23.4770, -12.4830

Background



This preview shows how black text looks on a background with the YIQ color 122.3010, 23.4770, -12.4830.



This preview shows how white text looks on a background with the YIQ color 122.3010, 23.4770,

-12.4830.

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

122.3010, 23.4770, -12.4830

Protanopia

122.0020, 22.8810, -12.6950

Deuteranopia

123.3670, 32.2790, -6.8010



Tritanopia

126.2020, 11.4150, 7.8870

Trichromacy



Original Color

122.3010, 23.4770, -12.4830

Protanomaly

122.0020, 22.8810, -12.6950

Deuteranomaly

123.0460, 28.7490, -8.9070

Tritanomaly

124.6120, 15.7720, 0.5080

Monochromacy



Original Color

122.3010, 23.4770, -12.4830

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1440, 8.1620, -4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.3010, 23.4770, -12.4830 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(137, 124, 75)` looks like.

```
.text, #text, p{  
    color:rgb(137, 124, 75)  
}
```

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(137, 124, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 124, 75) }
```

Border

The CSS property to change the border of an element to YIQ 122.3010, 23.4770, -12.4830 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(137, 124, 75) }
```


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

```
.border{ border-color:rgb(137, 124, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 124, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 124, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 124, 75);  
box-shadow:4px 4px 4px 4px rgb(137, 124,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 122.3010, 23.4770, -12.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 124, 75) }
```

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

```
.background{ background-color: rgb(137,  
124, 75) }
```

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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