

Converting Colors

YIQ(120.7570, 22.1930,
-11.2390)

Have a look what the booklet for
YIQ(120.7570, 22.1930, -11.2390)
contains.

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Color

**YIQ(120.7570, 22.1930,
-11.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	877A4D
RGB	135, 122, 77
RGB Percent	53%, 48%, 30%
CMY	0.4706, 0.5216, 0.6979
CMYK	0.00, 0.10, 0.43, 0.47
HSL	47°, 27%, 42%
HSV	47°, 43%, 53%
XYZ	18.2913, 19.6049, 9.8471
YIQ	120.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

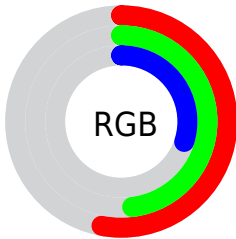
Format	Color
RYB	94, 135, 77
Decimal	8878669
CIELab	51.39, -1.79, 26.41
CIELCh	51, 26.473, 93.879
Yxy	19.6049, 0.3831, 0.4106
Android (android.graphics.Color)	4287068749 (0xFF877A4D)
YUV	120.7570, -21.5722, 12.4911
Hunter-Lab	44.2774, -3.7460, 17.8084

Details

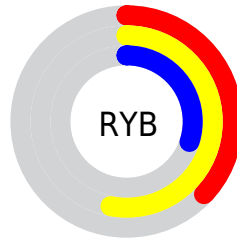
The YIQ color **120.7570, 22.1930, -11.2390** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.2430, -22.1930, 11.2390**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1270, 24.0270, -11.4370**, and **72.0880, 19.7630, -11.2530** is the 20% darker color. If you saturate the color by 10%, you get **117.5140, 27.1910, -13.7130**, and if you desaturate by 10%, it is **124.1140, 16.8740, -8.4540**.

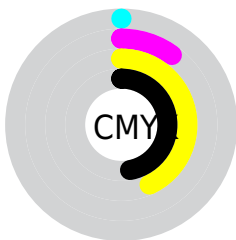
Distribution



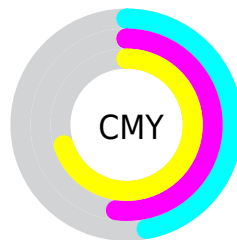
- Red (53%)
- Green (48%)
- Blue (30%)



- Red (37%)
- Yellow (53%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7570, 22.1930, -11.2390 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 120.7570, 22.1930, -11.2390 by changing the saturation by 10% instead.

■ 120.7570, 22.1930,
-11.2390

■ 120.7570, 22.1930,
-11.2390

■ 255.0000, -0.0000,
-0.0000

■ 95.6860, 20.9550,
-10.8290

■ 173.1270, 24.0270,
-11.4370

■ 72.0880, 19.7630,
-11.2530

■ 201.1980, 25.2650,
-11.8470

■ 48.9030, 18.8460,
-11.1540

■ 229.0840, 25.5860,
-12.1580

■ 28.6730, 13.8020,
-7.8460

■ 249.5280, 15.4080,
-14.9280

■ 4.4190, 0.1380,
-2.5020

■ 252.8340, 6.0990,
-5.9090

■ 0.0000, 0.0000,
0.0000

■ 120.7570, 22.1930,
-11.2390

■ 120.7570, 22.1930,
-11.2390

■ 117.5140, 27.1910,
-13.7130

■ 124.1140, 16.8740,
-8.4540

■ 114.1570, 32.5100,
-16.4980

■ 127.3570, 11.8760,
-5.9800

■ 110.9140, 37.5080,
-18.9720

■ 130.7140, 6.5570,
-3.1950

■ 107.5570, 42.8270,
-21.7570

■ 133.9570, 1.5590,
-0.7210

■ 104.3140, 47.8250,
-24.2310

■ 137.3140, -3.7600,
2.0640

■ 102.0000, 51.5850,
-26.2950

■ 140.5570, -8.7580,
4.5380

■ 143.9140,
-14.0770, 7.3230

■ 147.1570,

-19.0750, 9.7970

■ 150.5140,
-24.3940, 12.5820

Harmonies

Analogous

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



122.3120, 34.1120, -1.4720



120.7570, 22.1930, -11.2390



118.4880, 3.7170, -17.8110

Triad

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



120.7570, 22.1930, -11.2390



107.9740, -59.0050, -15.4610



125.7440, 16.1810, 20.6370

Complementary

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



120.7570, 22.1930, -11.2390



91.2430, -22.1930, 11.2390

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.



124.9030, -6.3760, 16.4400



120.7570, 22.1930, -11.2390



113.0170, -51.3960, -4.6760

Square

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



120.7570, 22.1930, -11.2390



110.5380, -43.2780, -19.6460



120.5300, -30.4910, 7.4370



124.9490, 31.5410, 17.5970

Rectangle

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



120.7570, 22.1930, -11.2390



116.1210, -11.3670, -19.7750



120.5300, -30.4910, 7.4370



125.5090, 9.5330, 19.9730

Sweetspot

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



120.7570, 22.1930, -11.2390



170.4430, 8.7580, -4.5380



95.9380, 30.0740, 16.6500



85.6430, 5.3190, -2.7850



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.



120.7570, 22.1930, -11.2390



153.1850, 35.3070, -17.6290



123.9030, 9.6780, -21.2180



64.7290, 2.2010, -1.3430



98.1570, 49.7050, -25.2630



2.0710, 1.2380, -0.4100

Inverse Universe

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



91.2430, -22.1930, 11.2390



106.8150, -35.3070, 17.6290



88.0970, -9.6780, 21.2180



61.2710, -2.2010, 1.3430



31.8430, -49.7050, 25.2630



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 120.7570, 22.1930, -11.2390 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 120.7570, 22.1930, -11.2390 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 120.7570, 22.1930, -11.2390

Background



This preview shows how black text looks on a background with the YIQ color 120.7570, 22.1930, -11.2390.



This preview shows how white text looks on a background with the YIQ color 120.7570, 22.1930,

-11.2390.

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

120.7570, 22.1930, -11.2390

Protanopia

120.7460, 20.7260, -12.1860

Deuteranopia

121.8230, 30.9950, -5.5570



Tritanopia

124.2020, 11.4150, 7.8870

Trichromacy



Original Color

120.7570, 22.1930, -11.2390

Protanomaly

121.0450, 21.3220, -11.9740

Deuteranomaly

121.5020, 27.4650, -7.6630

Tritanomaly

122.8400, 15.1300, 1.1300

Monochromacy



Original Color

120.7570, 22.1930, -11.2390

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.6710, 8.1160, -3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7570, 22.1930, -11.2390 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(135, 122, 77)` looks like.

```
.text, #text, p{  
    color:rgb(135, 122, 77)  
}
```

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(135, 122, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 122, 77) }
```

Border

The CSS property to change the border of an element to YIQ 120.7570, 22.1930, -11.2390 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(135, 122, 77) }
```


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

```
.border{ border-color:rgb(135, 122, 77) }
```

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

Here you see how a box with a 4 pixel rgb(135, 122, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 122, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 122, 77);  
box-shadow:4px 4px 4px 4px rgb(135, 122,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7570, 22.1930, -11.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 122, 77) }
```

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

```
.background{ background-color: rgb(135,  
122, 77) }
```

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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