

Converting Colors

YIQ(121.8610, 37.0000, 1.2560)

Have a look what the booklet for
YIQ(121.8610, 37.0000, 1.2560)
contains.

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Color

**YIQ(121.8610, 37.0000,
1.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6F53
RGB	158, 111, 83
RGB Percent	62%, 44%, 33%
CMY	0.3803, 0.5648, 0.6743
CMYK	0.00, 0.30, 0.47, 0.38
HSL	22°, 31%, 47%
HSV	22°, 47%, 62%
XYZ	21.3506, 19.2613, 10.7848
YIQ	121.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

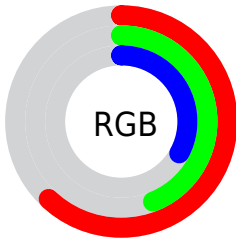
Format	Color
R_{YB}	158, 128, 83
Decimal	10383187
CIE _{Lab}	50.99, 15.19, 22.97
CIE _{LCh}	51, 27.533, 56.523
Yxy	19.2613, 0.4154, 0.3748
Android (android.graphics.Color)	4288573267 (0xFF9E6F53)
YUV	121.8610, -19.1585, 31.6939
Hunter-Lab	43.8877, 10.0335, 16.1516

Details

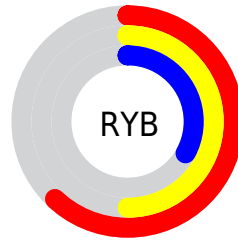
The YIQ color **121.8610, 37.0000, 1.2560** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **119.1390, -37.0000, -1.2560**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.8290, 40.0260, 1.4820**, and **72.2950, 32.7820, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **114.1670, 44.8860, 1.5100**, and if you desaturate by 10%, it is **129.5550, 29.1140, 1.0020**.

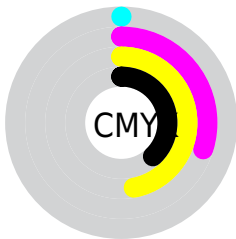
Distribution



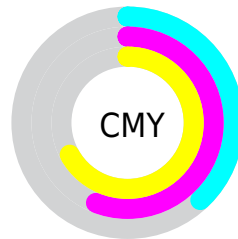
- Red (62%)
- Green (44%)
- Blue (33%)



- Red (62%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (47%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8610, 37.0000, 1.2560 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 121.8610, 37.0000, 1.2560 by changing the saturation by 10% instead.

■ 121.8610, 37.0000,
1.2560

■ 121.8610, 37.0000,
1.2560

■ 255.0000, -0.0000,
-0.0000

■ 96.4910, 35.1660,
1.4540

■ 174.8290, 40.0260,
1.4820

■ 72.4090, 32.4610,
0.9170

■ 202.6120, 42.1350,
1.8070

■ 49.3270, 29.7560,
0.3800

■ 225.4150, 32.3240,
-2.1080

■ 27.8860, 26.6840,
0.9880

■ 245.0430, 15.6360,
-8.0440

■ 9.2690, 18.4760,
6.5720

■ 253.5180, 4.1730,
-4.0430

■ 0.0000, 0.0000,
0.0000

■ 121.8610, 37.0000,
1.2560

■ 121.8610, 37.0000,
1.2560

■ 114.1670, 44.8860,
1.5100

■ 129.5550, 29.1140,
1.0020

■ 106.4730, 52.7720,
1.7640

■ 137.2490, 21.2280,
0.7480

■ 98.8930, 60.3370,
2.3290

■ 144.8290, 13.6630,
0.1830

■ 91.1990, 68.2230,
2.5830

■ 152.5230, 5.7770,
-0.0710

■ 83.5050, 76.1090,
2.8370

■ 160.2170, -2.1090,
-0.3250

■ 81.8750, 77.9430,
2.6390

■ 167.3240, -9.7200,
-0.0560

■ 175.0180,
-17.6060, -0.3100

■ 182.5980,

-25.1710, -0.8750

■ 190.2920,
-33.0570, -1.1290

Harmonies

Analogous

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



123.1960, 37.9150, 12.2110



121.8610, 37.0000, 1.2560



120.1490, 26.9610, -9.5430

Triad

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



121.8610, 37.0000, 1.2560



109.7510, -39.5640, -20.8760



122.5540, -12.7030, 15.4650

Complementary

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



121.8610, 37.0000, 1.2560



119.1390, -37.0000, -1.2560

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.



117.6430, -38.2390, 4.6810



121.8610, 37.0000, 1.2560



105.0120, -62.1680, -18.7120

Square

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



121.8610, 37.0000, 1.2560



114.0390, -14.0720, -20.3120



109.1900, -59.3730, -8.7890



124.8190, 11.5960, 21.1320

Rectangle

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



121.8610, 37.0000, 1.2560



118.5280, 15.4080, -14.9280



109.1900, -59.3730, -8.7890



121.3680, -21.0470, 12.4970

Sweetspot

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



121.8610, 37.0000, 1.2560



192.5410, 14.5340, 0.9180



110.8970, 29.2920, 30.8280



95.9040, 9.0780, 0.6780



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.8610, 37.0000, 1.2560



150.1100, 58.2280, 2.0040



143.5800, 26.8250, -18.0950



75.1530, 3.9430, 0.1270



73.8680, 70.6530, 2.5970



8.0070, 7.2900, 0.0420

Inverse Universe

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



119.1390, -37.0000, -1.2560



145.8900, -58.2280, -2.0040



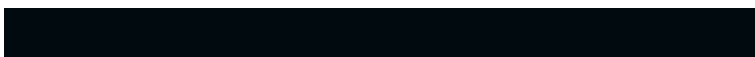
97.4200, -26.8250, 18.0950



74.8470, -3.9430, -0.1270



69.1320, -70.6530, -2.5970



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 121.8610, 37.0000, 1.2560 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 121.8610, 37.0000, 1.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

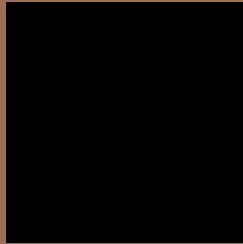
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8610, 37.0000, 1.2560

Background



This preview shows how black text looks on a background with the YIQ color 121.8610, 37.0000, 1.2560.



This preview shows how white text looks on a background with the YIQ color 121.8610, 37.0000,

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

121.8610, 37.0000, 1.2560

Protanopia

120.8150, 16.2780, -8.6660

Deuteranopia

121.0940, 28.7940, -4.2140



Tritanopia

124.0580, 29.6160, 13.9360

Trichromacy



Original Color

121.8610, 37.0000, 1.2560

Protanomaly

121.2290, 23.9800, -5.0760

Deuteranomaly

121.1160, 31.7280, -2.3200

Tritanomaly

122.9780, 32.5970, 9.4690

Monochromacy



Original Color

121.8610, 37.0000, 1.2560

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8610, 37.0000, 1.2560 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(158, 111, 83)` looks like.

```
.text, #text, p{  
    color:rgb(158, 111, 83)  
}
```

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(158, 111, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 111, 83) }
```

Border

The CSS property to change the border of an element to YIQ 121.8610, 37.0000, 1.2560 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(158, 111, 83) }
```


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

```
.border{ border-color:rgb(158, 111, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 111, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 111, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 111, 83);  
box-shadow:4px 4px 4px 4px rgb(158, 111,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8610, 37.0000, 1.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 111, 83) }
```

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

```
.background{ background-color: rgb(158,  
111, 83) }
```

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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