

Converting Colors

YIQ(165.8610, 37.0000, 1.2560)

Have a look what the booklet for
YIQ(165.8610, 37.0000, 1.2560)
contains.

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Color

**YIQ(165.8610, 37.0000,
1.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9B7F
RGB	202, 155, 127
RGB Percent	79%, 61%, 50%
CMY	0.2077, 0.3922, 0.5018
CMYK	0.00, 0.23, 0.37, 0.21
HSL	22°, 41%, 65%
HSV	22°, 37%, 79%
XYZ	39.9152, 37.5294, 25.2335
YIQ	165.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

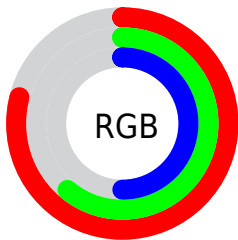
Format	Color
R_{YB}	202, 172, 127
Decimal	13278079
CIE _{Lab}	67.67, 13.77, 21.41
CIE _{LCh}	68, 25.461, 57.252
Yxy	37.5294, 0.3887, 0.3655
Android (android.graphics.Color)	4291468159 (0xFFCA9B7F)
YUV	165.8610, -19.1585, 31.6939
Hunter-Lab	61.2613, 9.0958, 18.4613

Details

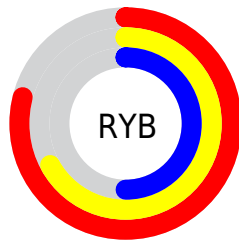
The YIQ color $165.8610, 37.0000, 1.2560$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $163.1390, -37.0000, -1.2560$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $220.0350, 36.4500, 0.2100$, and $113.5940, 33.3780, 0.8180$ is the 20% darker color. If you saturate the color by 10%, you get $155.9500, 46.9950, 1.8350$, and if you desaturate by 10%, it is $175.7720, 27.0050, 0.6770$.

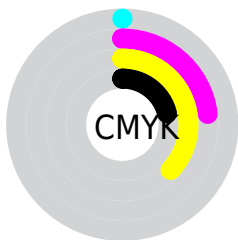
Distribution



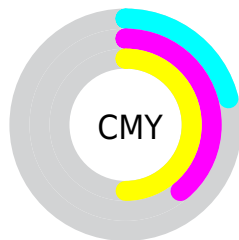
- Red (79%)
- Green (61%)
- Blue (50%)



- Red (79%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (21%)




- Cyan (21%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.8610, 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 165.8610, 37.0000, 1.2560 by changing the saturation by 10% instead.

 165.8610, 37.0000,
1.2560


 165.8610, 37.0000,
1.2560


255.0000, -0.0000,
-0.0000

 139.3770, 35.4870,
1.1430


 219.4480, 36.7250,
0.7330


 113.5940, 33.3780,
0.8180


 239.6630, 19.7620,
-5.7260

 89.1100, 31.8650,
0.7050

 252.8340, 6.0990,
-5.9090

 65.0280, 29.1600,
0.1680

 42.1310, 27.3720,
-0.4680

 21.3740, 22.3740,
2.0060

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 165.8610, 37.0000,
1.2560

■ 165.8610, 37.0000,
1.2560

■ 155.9500, 46.9950,
1.8350

■ 175.7720, 27.0050,
0.6770

■ 146.6260, 56.7150,
1.8910

■ 185.0960, 17.2850,
0.6210

■ 136.6010, 67.0310,
2.1590

■ 195.1210, 6.9690,
0.3530

■ 126.6900, 77.0260,
2.7380

■ 205.0320, -3.0260,
-0.2260

■ 117.3660, 86.7460,
2.7940

■ 214.3560,
-12.7460, -0.2820

■ 107.4550, 96.7410,
3.3730

■ 224.2670,
-22.7410, -0.8610

■ 104.4230, 99.7670,
3.5990

■ 232.6960,
-28.5630, -5.4830

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



167.0820, 38.2360, 11.9000



165.8610, 37.0000, 1.2560



164.2630, 26.6400, -9.2320

Triad

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



165.8610, 37.0000, 1.2560



155.5450, -35.9880, -19.6040



167.0380, -11.1900, 15.5780

Complementary

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



165.8610, 37.0000, 1.2560



163.1390, -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.



162.3230, -34.3420, 5.6420



165.8610, 37.0000, 1.2560



153.6930, -50.8440, -14.6840

Square

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



165.8610, 37.0000, 1.2560



158.3380, -13.4760, -20.1000



156.9740, -49.8370, -5.3970



168.2920, 11.6420, 20.2980

Rectangle

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



165.8610, 37.0000, 1.2560



162.6420, 15.0870, -14.6170



156.9740, -49.8370, -5.3970



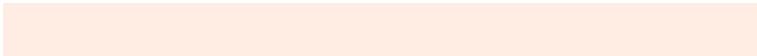
165.1510, -18.9380, 12.8220

Sweetspot

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



165.8610, 37.0000, 1.2560



241.2420, 13.9380, 0.7060



154.8970, 29.2920, 30.8280



119.6050, 8.4820, 0.4660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



165.8610, 37.0000, 1.2560



199.6260, 56.7150, 1.8910



187.5800, 26.8250, -18.0950



97.3380, 4.8600, 0.0280



86.0280, 81.8860, 2.7660



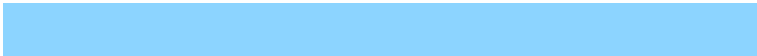
19.5800, 18.7980, 0.7340

Inverse Universe

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



163.1390, -37.0000, -1.2560



195.3740, -56.7150, -1.8910



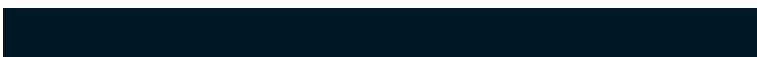
141.4200, -26.8250, 18.0950



96.6620, -4.8600, -0.0280



79.9720, -81.8860, -2.7660



18.4200, -18.7980, -0.7340

Previews

White Background



This preview shows how the YIQ color 165.8610, 37.0000, 1.2560 looks on a white background.

Color Contrast Check

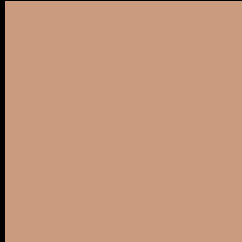
Large Text (above 18pt) WCAG AA × Fail

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 165.8610, 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 ✓ Pass

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

YIQ 165.8610, 37.0000, 1.2560

Background



This preview shows how black text looks on a background with the YIQ color 165.8610, 37.0000, 1.2560.



This preview shows how white text looks on a background with the YIQ color 165.8610, 37.0000,

1.2560.

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

165.8610, 37.0000, 1.2560

Protanopia

164.2280, 16.5530, -8.1430

Deuteranopia

165.1160, 31.7280, -2.3200



Tritanopia

167.8130, 28.9280, 15.3920

Trichromacy



Original Color

165.8610, 37.0000, 1.2560

Protanomaly

164.6420, 24.2550, -4.5530

Deuteranomaly

165.4260, 33.7910, -1.1610

Tritanomaly

167.2060, 31.9550, 10.0910

Monochromacy



Original Color

165.8610, 37.0000, 1.2560

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8610, 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(202, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 127)  
}
```

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(202, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 127) }
```

Border

The CSS property to change the border of an element to YIQ 165.8610, 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(202, 155, 127) }
```


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

```
.border{ border-color:rgb(202, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8610, 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(202, 155, 127) }
```

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

```
.background{ background-color: rgb(202,  
155, 127) }
```

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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