

Converting Colors

YIQ(128.4710, 37.9180, -4.3700)

Have a look what the booklet for
YIQ(128.4710, 37.9180, -4.3700)
contains.

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Color

**YIQ(128.4710, 37.9180,
-4.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	A2794F
RGB	162, 121, 79
RGB Percent	64%, 47%, 31%
CMY	0.3646, 0.5255, 0.6900
CMYK	0.00, 0.25, 0.51, 0.36
HSL	30°, 34%, 47%
HSV	30°, 51%, 64%
XYZ	23.1522, 21.9190, 10.4166
YIQ	128.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

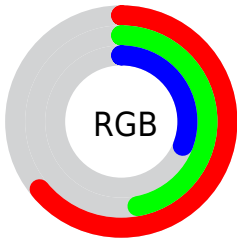
Format	Color
R_{YB}	160, 162, 79
Decimal	10647887
CIE Lab	53.94, 10.79, 29.12
CIE LCh	54, 31.053, 69.659
Yxy	21.9190, 0.4172, 0.3950
Android (android.graphics.Color)	4288837967 (0xFFA2794F)
YUV	128.4710, -24.3892, 29.4049
Hunter-Lab	46.8177, 6.3405, 19.5809

Details

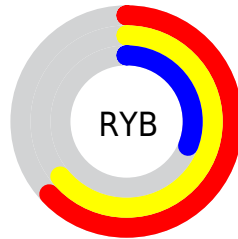
The YIQ color **128.4710, 37.9180, -4.3700** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **112.5290, -37.9180, 4.3700**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7380, 41.5400, -3.9320**, and **78.3180, 33.9750, -4.4970** is the 20% darker color. If you saturate the color by 10%, you get **121.9510, 45.2540, -5.1620**, and if you desaturate by 10%, it is **134.9910, 30.5820, -3.5780**.

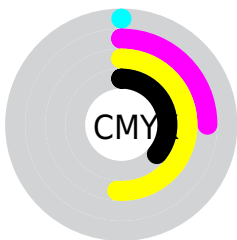
Distribution



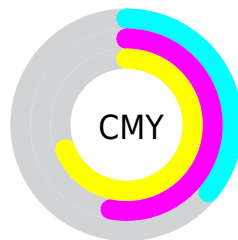
- Red (64%)
- Green (47%)
- Blue (31%)



- Red (63%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (36%)



- Cyan (36%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4710, 37.9180, -4.3700 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 128.4710, 37.9180, -4.3700 by changing the saturation by 10% instead.

■ 128.4710, 37.9180,
-4.3700

■ 128.4710, 37.9180,
-4.3700

■ 255.0000, -0.0000,
-0.0000

■ 103.1010, 36.0840,
-4.1720

■ 181.7380, 41.5400,
-3.9320

■ 78.3180, 33.9750,
-4.4970

■ 209.8090, 42.7780,
-4.3420

■ 55.1220, 31.5910,
-5.3450

■ 231.4160, 30.5830,
-9.1050

■ 34.0660, 25.9970,
-3.0830

■ 249.8700, 14.4450,
-13.9950

■ 12.8020, 18.2930,
4.3810

■ 253.0620, 5.4570,
-5.2870

■ 0.0000, 0.0000,
0.0000

■ 128.4710, 37.9180,
-4.3700

■ 128.4710, 37.9180,
-4.3700

■ 121.9510, 45.2540,
-5.1620

■ 134.9910, 30.5820,
-3.5780

■ 115.4310, 52.5900,
-5.9540

■ 141.5110, 23.2460,
-2.7860

■ 108.7970, 60.2470,
-7.0570

■ 148.1450, 15.5890,
-1.6830

■ 102.2770, 67.5830,
-7.8490

■ 154.6650, 8.2530,
-0.8910

■ 96.5720, 74.0020,
-8.5420

■ 161.1850, 0.9170,
-0.0990

■ 167.7050, -6.4190,
0.6930

■ 174.2250,
-13.7550, 1.4850

■ 180.8590,

-21.4120, 2.5880

■ 187.3790,
-28.7480, 3.3800

Harmonies

Analogous

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



129.9100, 44.4720, 9.0160



128.4710, 37.9180, -4.3700



126.1220, 22.4230, -15.4090

Triad

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



128.4710, 37.9180, -4.3700



110.3230, -61.8460, -24.5500



131.9900, -2.0670, 20.9490

Complementary

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



128.4710, 37.9180, -4.3700



112.5290, -37.9180, 4.3700

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.



127.4530, -31.5920, 10.8720



128.4710, 37.9180, -4.3700



103.9150, -86.8800, -22.4000

Square

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



128.4710, 37.9180, -4.3700



118.2050, -29.3390, -24.4670



117.8680, -61.1620, -3.8980



132.8590, 23.2870, 24.0150

Rectangle

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



128.4710, 37.9180, -4.3700



124.0600, 7.7980, -20.1860



117.8680, -61.1620, -3.8980



130.7330, -11.6490, 18.3910

Sweetspot

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



128.4710, 37.9180, -4.3700



198.9600, 14.6720, -1.5840



108.6050, 35.9860, 30.6580



99.5510, 8.5740, -1.2020



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



128.4710, 37.9180, -4.3700



159.7260, 59.0090, -6.6470



152.5380, 26.6430, -25.8130



78.6260, 3.9890, -0.7070



86.2060, 66.3450, -7.4390



10.6650, 8.2530, -0.8910

Inverse Universe

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



112.5290, -37.9180, 4.3700



134.6870, -58.7340, 7.1700



88.4620, -26.6430, 25.8130



76.3740, -3.9890, 0.7070



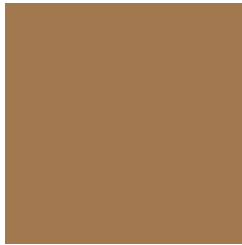
58.7940, -66.3450, 7.4390



7.3350, -8.2530, 0.8910

Previews

White Background



This preview shows how the YIQ color 128.4710, 37.9180, -4.3700 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 128.4710, 37.9180, -4.3700 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 128.4710, 37.9180, -4.3700

Background



This preview shows how black text looks on a background with the YIQ color 128.4710, 37.9180, -4.3700.



This preview shows how white text looks on a background with the YIQ color 128.4710, 37.9180,

-4.3700.

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

128.4710, 37.9180, -4.3700

Protanopia

127.2300, 22.2390, -12.0730

Deuteranopia

128.1500, 34.3880, -6.4760



Tritanopia

131.2750, 27.5070, 13.6110

Trichromacy



Original Color

128.4710, 37.9180, -4.3700

Protanomaly

127.7470, 28.1530, -9.1190

Deuteranomaly

128.1610, 35.8550, -5.5290

Tritanomaly

130.3260, 31.4970, 7.3770

Monochromacy



Original Color

128.4710, 37.9180, -4.3700

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4710, 37.9180, -4.3700 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(162, 121, 79)` looks like.

```
.text, #text, p{  
    color:rgb(162, 121, 79)  
}
```

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(162, 121, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 121, 79) }
```

Border

The CSS property to change the border of an element to YIQ 128.4710, 37.9180, -4.3700 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(162, 121, 79) }
```


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

```
.border{ border-color:rgb(162, 121, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 121, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 121, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 121, 79);  
box-shadow:4px 4px 4px 4px rgb(162, 121,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4710, 37.9180, -4.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 121, 79) }
```

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

```
.background{ background-color: rgb(162,  
121, 79) }
```

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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