

Converting Colors

YIQ(137.0760, 29.2050, 4.8610)

Have a look what the booklet for
YIQ(137.0760, 29.2050, 4.8610)
contains.

YIQ(137.0760, 29.2050, 4.8610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(137.0760, 29.2050,
4.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	A87E71
RGB	168, 126, 113
RGB Percent	66%, 49%, 44%
CMY	0.3411, 0.5059, 0.5567
CMYK	0.00, 0.25, 0.33, 0.34
HSL	14°, 24%, 55%
HSV	14°, 33%, 66%
XYZ	26.5945, 24.4376, 18.9475
YIQ	137.0760, 29.2050, 4.8610

Conversions

Conversions Part 2

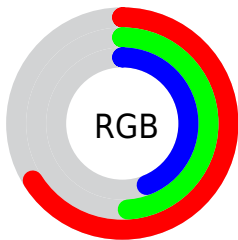
Format	Color
R_{YB}	168, 130, 113
Decimal	11042417
CIE _{Lab}	56.52, 14.43, 13.38
CIE _{LCh}	57, 19.679, 42.840
Yxy	24.4376, 0.3800, 0.3492
Android (android.graphics.Color)	4289232497 (0xFFA87E71)
YUV	137.0760, -11.8695, 27.1203
Hunter-Lab	49.4344, 9.5185, 11.8790

Details

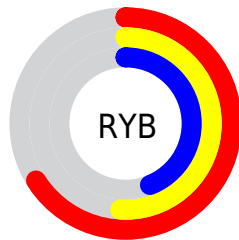
The YIQ color **137.0760, 29.2050, 4.8610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.9240, -29.2050, -4.8610**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8590, 31.3140, 5.1860**, and **86.9940, 26.5000, 4.3240** is the 20% darker color. If you saturate the color by 10%, you get **127.5070, 38.2370, 6.3730**, and if you desaturate by 10%, it is **146.6450, 20.1730, 3.3490**.

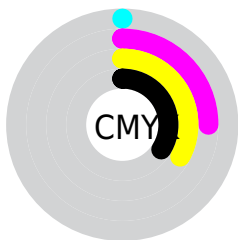
Distribution



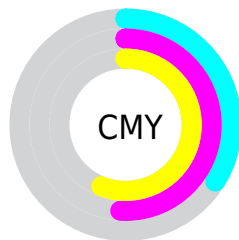
- Red (66%)
- Green (49%)
- Blue (44%)



- Red (66%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.0760, 29.2050, 4.8610 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 137.0760, 29.2050, 4.8610 by changing the saturation by 10% instead.


 137.0760, 29.2050,
4.8610


 137.0760, 29.2050,
4.8610


255.0000, -0.0000,
-0.0000


 111.5920, 27.6920,
4.7480


 190.8590, 31.3140,
5.1860


 86.9940, 26.5000,
4.3240


 218.4570, 32.5060,
5.6100


 63.2110, 24.3910,
3.9990

 239.2700, 16.7350,
-0.4250

 40.4280, 22.2820,
3.6740

 254.2020, 2.2470,
-2.1770

 19.0150, 22.0070,
3.1510

 0.0000, 0.0000,
0.0000

■ 137.0760, 29.2050,
4.8610

■ 137.0760, 29.2050,
4.8610

■ 127.5070, 38.2370,
6.3730

■ 146.6450, 20.1730,
3.3490

■ 117.9380, 47.2690,
7.8850

■ 156.2140, 11.1410,
1.8370

■ 108.4830, 55.9800,
9.7080

■ 165.6690, 2.4300,
0.0140

■ 99.5010, 64.7370,
10.6970

■ 174.6510, -6.3270,
-0.9750

■ 89.9320, 73.7690,
12.2090

■ 184.2200,
-15.3590, -2.4870

■ 80.3630, 82.8010,
13.7210

■ 193.7890,
-24.3910, -3.9990

■ 73.7120, 89.1280,
14.6960

■ 203.3580,
-33.4230, -5.5110

■ 212.8130,

-42.1340, -7.3340

■ 221.3560,
-48.2770, -11.6450

Harmonies

Analogous

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



138.0360, 26.6820, 12.0420



137.0760, 29.2050, 4.8610



135.5820, 24.4840, -3.1960

Triad

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



137.0760, 29.2050, 4.8610



129.8630, -19.2080, -15.3360



135.8860, -16.8740, 8.4540

Complementary

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



137.0760, 29.2050, 4.8610



143.9240, -29.2050, -4.8610

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.



131.8300, -31.6360, 0.6520



137.0760, 29.2050, 4.8610



128.0280, -32.7340, -12.4940

Square

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



137.0760, 29.2050, 4.8610



132.0730, -2.2440, -14.4040



128.8520, -37.8700, -7.5180



138.0300, 0.4560, 13.7680

Rectangle

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



137.0760, 29.2050, 4.8610



134.7120, 18.0660, -8.0300



128.8520, -37.8700, -7.5180



134.6680, -22.1920, 5.7120

Sweetspot

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



137.0760, 29.2050, 4.8610



207.1000, 11.4620, 1.5260



134.2330, 19.2980, 24.7220



102.5340, 7.2440, 0.8760



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.0760, 29.2050, 4.8610



171.1550, 45.1600, 7.5600



152.9250, 21.7800, -9.2600



79.5660, 4.2180, 0.6500



64.7970, 78.5830, 13.0710



8.9150, 10.5450, 1.6250

Inverse Universe

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



143.9240, -29.2050, -4.8610



181.8450, -45.1600, -7.5600



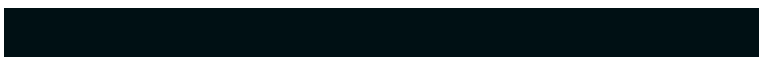
128.0750, -21.7800, 9.2600



80.4340, -4.2180, -0.6500



83.2030, -78.5830, -13.0710



11.6720, -10.8200, -2.1480

Previews

White Background



This preview shows how the YIQ color 137.0760, 29.2050, 4.8610 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 137.0760, 29.2050, 4.8610 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 137.0760, 29.2050, 4.8610

Background



This preview shows how black text looks on a background with the YIQ color 137.0760, 29.2050, 4.8610.



This preview shows how white text looks on a background with the YIQ color 137.0760, 29.2050,

4.8610.

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

137.0760, 29.2050, 4.8610

Protanopia

135.1550, 9.6290, -3.8030

Deuteranopia

136.6080, 21.5950, -0.3970



Tritanopia

138.1930, 24.8020, 13.0740

Trichromacy



Original Color

137.0760, 29.2050, 4.8610

Protanomaly

135.8570, 16.4600, -0.9480

Deuteranomaly

136.6300, 24.5290, 1.4970

Tritanomaly

137.6830, 26.1780, 10.1620

Monochromacy



Original Color

137.0760, 29.2050, 4.8610

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0760, 29.2050, 4.8610 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(168, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(168, 126, 113)  
}
```

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(168, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 126, 113) }
```

Border

The CSS property to change the border of an element to YIQ 137.0760, 29.2050, 4.8610 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(168, 126, 113) }
```


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

```
.border{ border-color:rgb(168, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(168, 126,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0760, 29.2050, 4.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 126, 113) }
```

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

```
.background{ background-color: rgb(168,  
126, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor