

Converting Colors

YIQ(137.0530, 54.3750, 11.2630)

Have a look what the booklet for
YIQ(137.0530, 54.3750, 11.2630)
contains.

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Color

**YIQ(137.0530, 54.3750,
11.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	C47360
RGB	196, 115, 96
RGB Percent	77%, 45%, 38%
CMY	0.2312, 0.5491, 0.6233
CMYK	0.00, 0.41, 0.51, 0.23
HSL	11°, 46%, 57%
HSV	11°, 51%, 77%
XYZ	31.0178, 24.8413, 14.2405
YIQ	137.0530, 54.3750, 11.2630

Conversions

Conversions Part 2

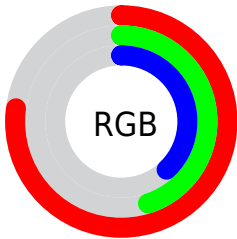
Format	Color
R_{YB}	196, 119, 96
Decimal	12874592
CIE Lab	56.92, 29.93, 24.20
CIE LCh	57, 38.491, 38.965
Yxy	24.8413, 0.4425, 0.3544
Android (android.graphics.Color)	4291064672 (0xFFC47360)
YUV	137.0530, -20.2391, 51.6965
Hunter-Lab	49.8410, 23.8652, 17.9484

Details

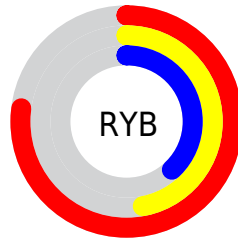
The YIQ color **137.0530, 54.3750, 11.2630** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **154.9470, -54.3750, -11.2630**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6190, 58.5930, 11.9130**, and **85.3020, 49.2400, 10.7120** is the 20% darker color. If you saturate the color by 10%, you get **125.3810, 65.1950, 13.4110**, and if you desaturate by 10%, it is **148.7250, 43.5550, 9.1150**.

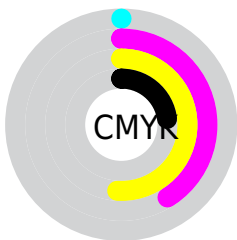
Distribution



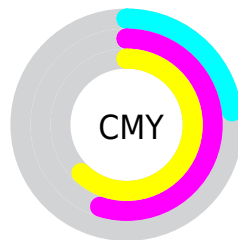
- Red (77%)
- Green (45%)
- Blue (38%)



- Red (77%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.0530, 54.3750, 11.2630 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 137.0530, 54.3750, 11.2630 by changing the saturation by 10% instead.


 137.0530, 54.3750,
11.2630


 137.0530, 54.3750,
11.2630


255.0000, -0.0000,
-0.0000


 110.9710, 51.6700,
10.7260


 191.6190, 58.5930,
11.9130


 85.3020, 49.2400,
10.7120


 210.4320, 42.8220,
5.8780


 60.4480, 45.8930,
10.7970

 230.6470, 25.8590,
-0.5810

 35.5510, 44.1050,
10.1610

 250.2750, 9.1710,
-6.5170

 17.0430, 33.9720,
12.0840

 9.0840, 17.5590,
6.6710

 0.0000, 0.0000,

0.0000

■ 137.0530, 54.3750,
11.2630

■ 137.0530, 54.3750,
11.2630

■ 125.3810, 65.1950,
13.4110

■ 148.7250, 43.5550,
9.1150

■ 113.8230, 75.6940,
15.8700

■ 160.2830, 33.0560,
6.6560

■ 102.1510, 86.5140,
18.0180

■ 171.9550, 22.2360,
4.5080

■ 90.5930, 97.0130,
20.4770

■ 183.5130, 11.7370,
2.0490

■ 80.3230, 106.6410,
22.2010

■ 194.5980, 1.1920,
0.4240

■ 206.2700, -9.6280,
-1.7240

■ 217.8280,
-20.1270, -4.1830

■ 229.5000,
-30.9470, -6.3310

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



138.3750, 48.1370, 25.2010



137.0530, 54.3750, 11.2630



135.3210, 47.0880, -5.3600

Triad

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



137.0530, 54.3750, 11.2630



121.6120, -38.0950, -30.9830



133.7600, -42.6420, 12.8940

Complementary

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



137.0530, 54.3750, 11.2630



154.9470, -54.3750, -11.2630

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.



108.9750, -104.3040, -14.9920



137.0530, 54.3750, 11.2630



107.0420, -89.2160, -35.1360

Square

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



137.0530, 54.3750, 11.2630



128.9400, -0.9120, -27.5360



109.5160, -98.9380, -24.1380



140.0810, -3.5810, 26.3630

Rectangle

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



137.0530, 54.3750, 11.2630



133.6520, 35.4900, -15.4380



109.5160, -98.9380, -24.1380



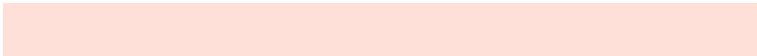
128.9430, -56.5790, 6.6610

Sweetspot

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



137.0530, 54.3750, 11.2630



232.4710, 20.7230, 4.3950



135.2480, 33.2780, 46.7020



114.2250, 12.6080, 2.7840



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.



137.0530, 54.3750, 11.2630



163.2540, 84.7260, 17.3820



165.8160, 40.9000, -14.3640



91.1640, 5.4100, 1.0740



65.7490, 87.7060, 18.4420



13.3890, 18.0180, 3.8580

Inverse Universe

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



154.9470, -54.3750, -11.2630



191.3330, -85.0010, -17.9050



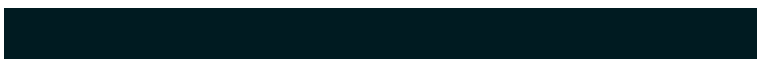
126.1840, -40.9000, 14.3640



92.8360, -5.4100, -1.0740



94.6640, -87.4310, -17.9190



19.6110, -18.0180, -3.8580

Previews

White Background



This preview shows how the YIQ color 137.0530, 54.3750, 11.2630 looks on a white background.

Color Contrast Check

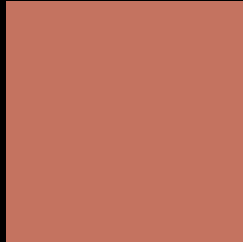
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0530, 54.3750, 11.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

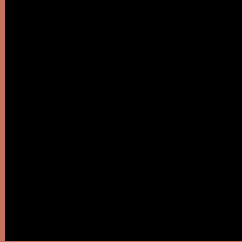
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0530, 54.3750, 11.2630

Background



This preview shows how black text looks on a background with the YIQ color 137.0530, 54.3750, 11.2630.



This preview shows how white text looks on a background with the YIQ color 137.0530, 54.3750,

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

137.0530, 54.3750, 11.2630

Protanopia

136.1570, 15.3150, -7.7330

Deuteranopia

136.5350, 31.8660, -4.8220



Tritanopia

138.6260, 48.6880, 20.7200

Trichromacy



Original Color

137.0530, 54.3750, 11.2630

Protanomaly

136.3870, 29.5270, -0.9770

Deuteranomaly

136.7150, 40.3470, 1.1710

Tritanomaly

137.8880, 50.7060, 17.1860

Monochromacy



Original Color

137.0530, 54.3750, 11.2630

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8730, 19.5310, 3.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0530, 54.3750, 11.2630 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(196, 115, 96)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 96)  
}
```

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(196, 115, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 96) }
```

Border

The CSS property to change the border of an element to YIQ 137.0530, 54.3750, 11.2630 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(196, 115, 96) }
```


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

```
.border{ border-color:rgb(196, 115, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 96);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0530, 54.3750, 11.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 96) }
```

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

```
.background{ background-color: rgb(196,  
115, 96) }
```

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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