

Converting Colors

YIQ(137.1240, 54.4720,
-18.0400)

Have a look what the booklet for
YIQ(137.1240, 54.4720, -18.0400)
contains.

YIQ(137.1240, 54.4720, -18.0400)	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(137.1240, 54.4720,
-18.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	B2862E
RGB	178, 134, 46
RGB Percent	70%, 53%, 18%
CMY	0.3019, 0.4746, 0.8193
CMYK	0.00, 0.25, 0.74, 0.30
HSL	40°, 59%, 44%
HSV	40°, 74%, 70%
XYZ	27.3801, 26.7093, 6.3046
YIQ	137.1240, 54.4720, -18.0400

Conversions

Conversions Part 2

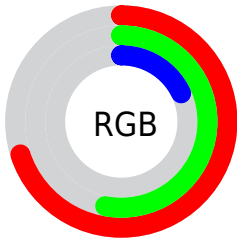
Format	Color
R _Y B	112, 178, 46
Decimal	11699758
CIE Lab	58.70, 8.22, 51.43
CIE LCh	59, 52.079, 80.921
Yxy	26.7093, 0.4534, 0.4423
Android (android.graphics.Color)	4289889838 (0xFFB2862E)
YUV	137.1240, -44.9241, 35.8483
Hunter-Lab	51.6811, 4.1256, 28.9439

Details

The YIQ color **137.1240, 54.4720, -18.0400** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **86.8760, -54.4720, 18.0400**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6900, 58.6900, -17.3900**, and **86.0740, 48.7410, -18.8030** is the 20% darker color. If you saturate the color by 10%, you get **131.5500, 61.9000, -20.5000**, and if you desaturate by 10%, it is **142.6980, 47.0440, -15.5800**.

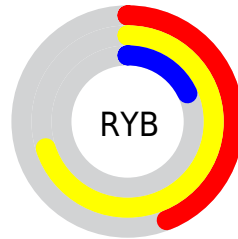
Distribution



Red (70%)

Green (53%)

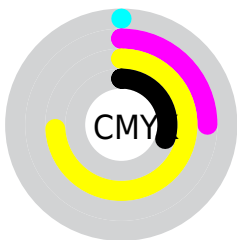
Blue (18%)



Red (44%)

Yellow (70%)

Blue (18%)

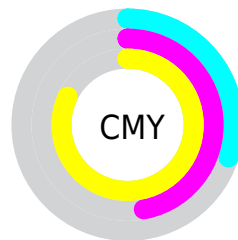


Cyan (0%)

Magenta (25%)

Yellow (74%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1240, 54.4720, -18.0400 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 137.1240, 54.4720, -18.0400 by changing the saturation by 10% instead.

■ 137.1240, 54.4720,
-18.0400

■ 137.1240, 54.4720,
-18.0400

■ 255.0000, -0.0000,
-0.0000

■ 110.5860, 53.0510,
-19.8210

■ 191.8040, 58.3690,
-17.0790

■ 86.0740, 48.7410,
-18.8030

■ 216.5860, 53.0510,
-19.8210

■ 64.5000, 38.9740,
-12.4980

■ 236.1000, 36.6840,
-26.0680

■ 43.5130, 28.9320,
-6.7160

■ 246.2220, 24.7170,
-23.9470

■ 23.9990, 18.9360,
-1.7680

■ 249.4140, 15.7290,
-15.2390

■ 2.0930, 4.1720,
1.4840

■ 252.7200, 6.4200,

■ 0.0000, 0.0000,

-6.2200

0.0000

■ 137.1240, 54.4720,
-18.0400

■ 137.1240, 54.4720,
-18.0400

■ 131.5500, 61.9000,
-20.5000

■ 142.6980, 47.0440,
-15.5800

■ 125.9760, 69.3280,
-22.9600

■ 148.2720, 39.6160,
-13.1200

■ 123.0750, 73.3630,
-24.5010

■ 153.7320, 32.5090,
-10.9710

■ 159.3060, 25.0810,
-8.5110

■ 164.8800, 17.6530,
-6.0510

■ 170.4540, 10.2250,
-3.5910

■ 176.0280, 2.7970,
-1.1310

■ 181.4880, -4.3100,
1.0180

■ 186.4750,
-11.4630, 4.0010

Harmonies

Analogous

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



138.9760, 70.4690, 5.9330



137.1240, 54.4720, -18.0400



132.9410, 23.7100, -33.2340

Triad

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



137.1240, 54.4720, -18.0400



115.2890, -100.0370, -31.7570



145.4950, 13.2890, 40.0170

Complementary

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



137.1240, 54.4720, -18.0400



86.8760, -54.4720, 18.0400

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.



140.7040, -39.0680, 25.2200



137.1240, 54.4720, -18.0400



117.9740, -111.7310, -18.0590

Square

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



137.1240, 54.4720, -18.0400



109.9310, -84.9500, -46.3740



114.3840, -115.4010, -6.6090



142.9540, 51.4810, 41.6970

Rectangle

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



137.1240, 54.4720, -18.0400



128.9360, -4.2570, -38.5050



114.3840, -115.4010, -6.6090



145.3020, -2.3450, 37.0070

Sweetspot

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



137.1240, 54.4720, -18.0400



216.2070, 21.0460, -6.9700



90.7120, 63.9060, 42.2900



107.7100, 12.3800, -4.1000



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.1240, 54.4720, -18.0400



168.0130, 85.1010, -27.9790



156.9720, 30.4520, -45.2920



86.2130, 3.7140, -1.2300



105.6210, 63.1380, -20.9100



17.7530, 10.8210, -3.3790

Inverse Universe

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



86.8760, -54.4720, 18.0400



89.4000, -84.8260, 28.5020



67.0280, -30.4520, 45.2920



82.7870, -3.7140, 1.2300



47.3790, -63.1380, 20.9100



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 137.1240, 54.4720, -18.0400 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 137.1240, 54.4720, -18.0400 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 137.1240, 54.4720, -18.0400

Background



This preview shows how black text looks on a background with the YIQ color 137.1240, 54.4720, -18.0400.



This preview shows how white text looks on a background with the YIQ color 137.1240, 54.4720,

-18.0400.

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

137.1240, 54.4720, -18.0400

Protanopia

136.0680, 39.7100, -25.8420

Deuteranopia

136.8250, 53.8760, -18.2520



Tritanopia

143.7810, 31.9540, 15.6180

Trichromacy



Original Color

137.1240, 54.4720, -18.0400

Protanomaly

136.2860, 45.0280, -23.1000

Deuteranomaly

136.8250, 53.8760, -18.2520

Tritanomaly

141.2960, 40.2090, 3.6730

Monochromacy



Original Color

137.1240, 54.4720, -18.0400

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1360, 19.8080, -6.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1240, 54.4720, -18.0400 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(178, 134, 46)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 46)  
}
```

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(178, 134, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 46) }
```

Border

The CSS property to change the border of an element to YIQ 137.1240, 54.4720, -18.0400 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(178, 134, 46) }
```


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

```
.border{ border-color:rgb(178, 134, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 46);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1240, 54.4720, -18.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 46) }
```

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

```
.background{ background-color: rgb(178,  
134, 46) }
```

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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