

Converting Colors

YIQ(137.4780, 54.3760, 5.7360)

Have a look what the booklet for
YIQ(137.4780, 54.3760, 5.7360)
contains.

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Color

**YIQ(137.4780, 54.3760,
5.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	C17757
RGB	193, 119, 87
RGB Percent	76%, 47%, 34%
CMY	0.2430, 0.5334, 0.6586
CMYK	0.00, 0.38, 0.55, 0.24
HSL	18°, 46%, 55%
HSV	18°, 55%, 76%
XYZ	30.3184, 25.2180, 12.2996
YIQ	137.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

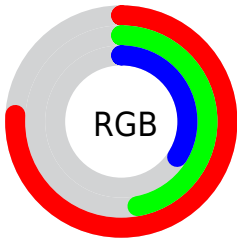
Format	Color
R_{YB}	193, 133, 87
Decimal	12678999
CIE _{Lab}	57.29, 25.74, 29.68
CIE _{LCh}	57, 39.284, 49.064
Yxy	25.2180, 0.4469, 0.3717
Android (android.graphics.Color)	4290869079 (0xFFC17757)
YUV	137.4780, -24.8857, 48.6928
Hunter-Lab	50.2176, 19.8870, 20.6306

Details

The YIQ color **137.4780, 54.3760, 5.7360** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **142.5220, -54.3760, -5.7360**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.9300, 58.9150, 6.0750**, and **86.4280, 48.6450, 4.9730** is the 20% darker color. If you saturate the color by 10%, you get **127.0940, 64.3250, 7.1490**, and if you desaturate by 10%, it is **147.2750, 44.7020, 4.8460**.

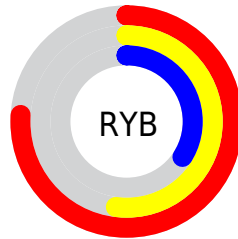
Distribution



Red (76%)

Green (47%)

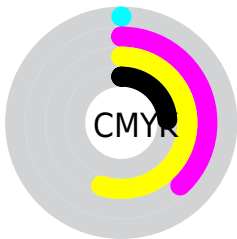
Blue (34%)



Red (76%)

Yellow (52%)

Blue (34%)

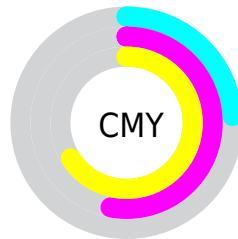


Cyan (0%)

Magenta (38%)

Yellow (55%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.4780, 54.3760, 5.7360 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 137.4780, 54.3760, 5.7360 by changing the saturation by 10% instead.


 137.4780, 54.3760,
5.7360


 137.4780, 54.3760,
5.7360


255.0000, -0.0000,
-0.0000


 111.3960, 51.6710,
5.1990


 191.9300, 58.9150,
6.0750


 86.4280, 48.6450,
4.9730


 211.7540, 44.6110,
0.9870


 61.4600, 45.6190,
4.7470


 231.8550, 27.9690,
-5.7830

 37.7200, 41.9510,
5.1430

 250.8960, 11.5560,
-11.1960

 16.7330, 31.9090,
10.9250

 254.2020, 2.2470,
-2.1770

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 137.4780, 54.3760,
5.7360

■ 137.4780, 54.3760,
5.7360

■ 127.0940, 64.3250,
7.1490

■ 147.2750, 44.7020,
4.8460

■ 117.1830, 74.3200,
7.7280

■ 157.7730, 34.4320,
3.7440

■ 107.3860, 83.9940,
8.6180

■ 167.5700, 24.7580,
2.8540

■ 97.0020, 93.9430,
10.0310

■ 177.9540, 14.8090,
1.4410

■ 91.7530, 99.0780,
10.5820

■ 187.8650, 4.8140,
0.8620

■ 198.2490, -5.1350,
-0.5510

■ 208.0460,
-14.8090, -1.4410

■ 218.4300,
-24.7580, -2.8540

■ 227.6570,
-32.8270, -5.2990

Harmonies

Analogous

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



138.6050, 53.1810, 21.8930



137.4780, 54.3760, 5.7360



135.5930, 43.1460, -11.0140

Triad

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



137.4780, 54.3760, 5.7360



117.2770, -56.2050, -33.1730



137.2780, -29.3010, 18.9150

Complementary

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



137.4780, 54.3760, 5.7360



142.5220, -54.3760, -5.7360

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.



123.0220, -76.1550, -2.0030



137.4780, 54.3760, 5.7360



109.1110, -93.6640, -31.6160

Square

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



137.4780, 54.3760, 5.7360



127.7260, -12.0530, -29.3730



110.6560, -102.1480, -21.0280



141.5340, 8.3850, 29.7690

Rectangle

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



137.4780, 54.3760, 5.7360



133.8960, 28.7510, -19.9610



110.6560, -102.1480, -21.0280



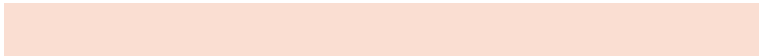
134.5750, -43.5590, 12.9930

Sweetspot

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



137.4780, 54.3760, 5.7360



229.0040, 20.5400, 2.2040



127.1300, 39.4220, 45.4860



112.2850, 12.3790, 1.4270



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.4780, 54.3760, 5.7360



163.6850, 84.5900, 8.8300



168.5890, 39.8010, -21.9830



91.7510, 5.1350, 0.5510



76.3150, 82.7560, 9.0280



15.7370, 16.9180, 1.7660

Inverse Universe

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



142.5220, -54.3760, -5.7360



171.3150, -84.5900, -8.8300



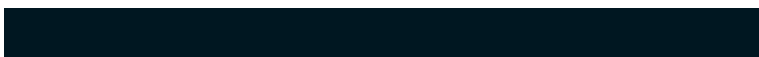
111.4110, -39.8010, 21.9830



92.2490, -5.1350, -0.5510



84.0980, -82.4810, -8.5050



17.2630, -16.9180, -1.7660

Previews

White Background



This preview shows how the YIQ color 137.4780, 54.3760, 5.7360 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 137.4780, 54.3760, 5.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

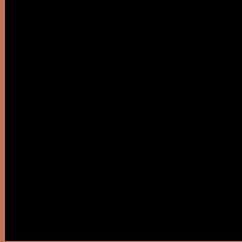
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4780, 54.3760, 5.7360

Background



This preview shows how black text looks on a background with the YIQ color 137.4780, 54.3760, 5.7360.



This preview shows how white text looks on a background with the YIQ color 137.4780, 54.3760,

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

137.4780, 54.3760, 5.7360

Protanopia

136.3870, 20.3590, -11.0410

Deuteranopia

137.1070, 35.9470, -7.1970



Tritanopia

139.5440, 45.9830, 20.1830

Trichromacy



Original Color

137.4780, 54.3760, 5.7360

Protanomaly

136.7200, 32.7830, -4.9210

Deuteranomaly

136.9770, 42.3650, -2.3630

Tritanomaly

138.9370, 49.0100, 14.8820

Monochromacy



Original Color

137.4780, 54.3760, 5.7360

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8190, 19.6230, 2.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4780, 54.3760, 5.7360 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(193, 119, 87)` looks like.

```
.text, #text, p{  
    color:rgb(193, 119, 87)  
}
```

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(193, 119, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 87) }
```

Border

The CSS property to change the border of an element to YIQ 137.4780, 54.3760, 5.7360 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(193, 119, 87) }
```


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

```
.border{ border-color:rgb(193, 119, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 119, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 87);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4780, 54.3760, 5.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 87) }
```

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

```
.background{ background-color: rgb(193,  
119, 87) }
```

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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