

Converting Colors

YIQ(115.8130, 27.7870,
-13.5010)

Have a look what the booklet for
YIQ(115.8130, 27.7870, -13.5010)
contains.

YIQ(115.8130, 27.7870, -13.5010)	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(115.8130, 27.7870,
-13.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	86753E
RGB	134, 117, 62
RGB Percent	53%, 46%, 24%
CMY	0.4745, 0.5412, 0.7567
CMYK	0.00, 0.13, 0.54, 0.47
HSL	46°, 37%, 38%
HSV	46°, 54%, 53%
XYZ	17.0628, 18.1376, 7.1646
YIQ	115.8130, 27.7870, -13.5010

Conversions

Conversions Part 2

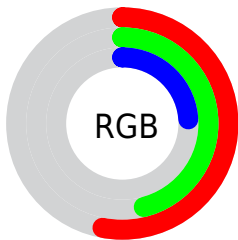
Format	Color
R_{YB}	84, 134, 62
Decimal	8811838
CIE Lab	49.66, -0.97, 32.47
CIE LCh	50, 32.482, 91.709
Yxy	18.1376, 0.4028, 0.4281
Android (android.graphics.Color)	4287001918 (0xFF86753E)
YUV	115.8130, -26.5298, 15.9500
Hunter-Lab	42.5882, -3.0142, 19.8374

Details

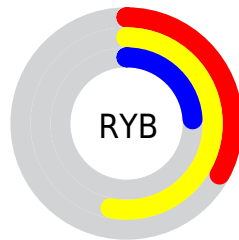
The YIQ color **115.8130, 27.7870, -13.5010** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.1870, -27.7870, 13.5010**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3680, 30.5380, -13.7980**, and **66.7310, 25.0820, -14.0380** is the 20% darker color. If you saturate the color by 10%, you get **112.5700, 32.7850, -15.9750**, and if you desaturate by 10%, it is **119.0560, 22.7890, -11.0270**.

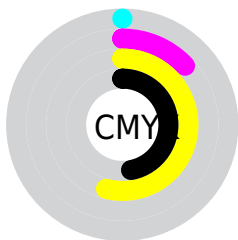
Distribution



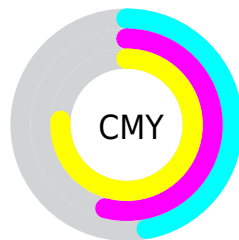
- Red (53%)
- Green (46%)
- Blue (24%)



- Red (33%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8130, 27.7870, -13.5010 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 115.8130, 27.7870, -13.5010 by changing the saturation by 10% instead.

■ 115.8130, 27.7870,
-13.5010

■ 115.8130, 27.7870,
-13.5010

■ 255.0000, -0.0000,
-0.0000

■ 90.7420, 26.5490,
-13.0910

■ 168.3680, 30.5380,
-13.7980

■ 66.8450, 24.7610,
-13.7270

■ 195.5530, 31.4550,
-13.8970

■ 44.9310, 21.6430,
-12.2850

■ 223.6240, 32.6930,
-14.3070

■ 25.4280, 13.1140,
-6.3900

■ 246.5300, 21.0940,
-18.8580

■ 0.0000, 0.0000,
0.0000

■ 250.8960, 11.5560,
-11.1960

■ 254.0880, 2.5680,

-2.4880

■ 115.8130, 27.7870,
-13.5010

■ 115.8130, 27.7870,
-13.5010

■ 112.5700, 32.7850,
-15.9750

■ 119.0560, 22.7890,
-11.0270

■ 109.2130, 38.1040,
-18.7600

■ 122.4130, 17.4700,
-8.2420

■ 105.3830, 43.3770,
-20.7110

■ 125.6560, 12.4720,
-5.7680

■ 102.0260, 48.6960,
-23.4960

■ 129.6000, 6.8780,
-3.5060

■ 99.9400, 51.8140,
-24.9380

■ 132.8430, 1.8800,
-1.0320

■ 136.0860, -3.1180,
1.4420

■ 139.4430, -8.4370,
4.2270

■ 142.6860,
-13.4350, 6.7010

■ 146.0430,
-18.7540, 9.4860

Harmonies

Analogous

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



117.7320, 41.6770, -0.9070



115.8130, 27.7870, -13.5010



112.7500, 5.7350, -21.3450

Triad

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



115.8130, 27.7870, -13.5010



94.1280, -83.1660, -23.6300



121.8630, 17.4640, 24.9200

Complementary

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



115.8130, 27.7870, -13.5010



80.1870, -27.7870, 13.5010

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.



120.1570, -9.9070, 19.8610



115.8130, 27.7870, -13.5010



94.0600, -88.4860, -15.3180

Square

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



115.8130, 27.7870, -13.5010



98.2150, -61.6620, -27.8860



113.4840, -42.0450, 7.5790



120.3350, 36.4460, 22.3180

Rectangle

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



115.8130, 27.7870, -13.5010



110.0020, -12.6500, -24.0580



113.4840, -42.0450, 7.5790



121.8450, 8.7070, 23.9310

Sweetspot

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



115.8130, 27.7870, -13.5010



166.4000, 10.3170, -5.2590



85.5800, 37.1340, 20.8620



82.7140, 6.5570, -3.1950



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



115.8130, 27.7870, -13.5010



145.0840, 42.7810, -20.9230



120.4100, 12.3840, -26.2080



64.7290, 2.2010, -1.3430



96.9830, 50.2550, -24.2170



2.0710, 1.2380, -0.4100

Inverse Universe

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



80.1870, -27.7870, 13.5010



90.5030, -43.0560, 20.4000



75.5900, -12.3840, 26.2080



61.2710, -2.2010, 1.3430



33.0170, -50.2550, 24.2170



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 115.8130, 27.7870, -13.5010 looks on a white 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

Black Background



This preview shows how the YIQ color 115.8130, 27.7870, -13.5010 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 115.8130, 27.7870, -13.5010

Background



This preview shows how black text looks on a background with the YIQ color 115.8130, 27.7870, -13.5010.



This preview shows how white text looks on a background with the YIQ color 115.8130, 27.7870, -13.5010.

-13.5010.

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

115.8130, 27.7870, -13.5010

Protanopia

115.2040, 25.1280, -14.8720

Deuteranopia

116.8680, 35.1220, -8.7660



Tritanopia

120.2840, 14.1200, 8.4240

Trichromacy



Original Color

115.8130, 27.7870, -13.5010

Protanomaly

115.5030, 25.7240, -14.6600

Deuteranomaly

116.2590, 32.4630, -10.1370

Tritanomaly

118.4660, 19.1190, 0.4230

Monochromacy



Original Color

115.8130, 27.7870, -13.5010

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8130, 10.5920, -4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8130, 27.7870, -13.5010 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(134, 117, 62)` looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 62)  
}
```

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(134, 117, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 62) }
```

Border

The CSS property to change the border of an element to YIQ 115.8130, 27.7870, -13.5010 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(134, 117, 62) }
```


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

```
.border{ border-color:rgb(134, 117, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 117, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 62);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8130, 27.7870, -13.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 62) }
```

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

```
.background{ background-color: rgb(134,  
117, 62) }
```

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