

Converting Colors

YIQ(130.2750, 9.1710, -6.5170)

Have a look what the booklet for
YIQ(130.2750, 9.1710, -6.5170)
contains.

YIQ(130.2750, 9.1710, -6.5170)	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(130.2750, 9.1710,
-6.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	87846D
RGB	135, 132, 109
RGB Percent	53%, 52%, 43%
CMY	0.4706, 0.4823, 0.5725
CMYK	0.00, 0.02, 0.19, 0.47
HSL	53°, 11%, 48%
HSV	53°, 19%, 53%
XYZ	21.0035, 22.7573, 17.7575
YIQ	130.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

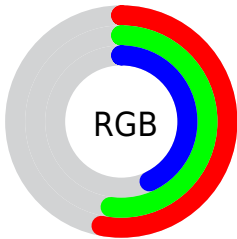
Format	Color
R_{YB}	112, 135, 109
Decimal	8881261
CIE Lab	54.82, -2.98, 12.84
CIE LCh	55, 13.176, 103.058
Yxy	22.7573, 0.3414, 0.3699
Android (android.graphics.Color)	4287071341 (0xFF87846D)
YUV	130.2750, -10.4886, 4.1438
Hunter-Lab	47.7047, -4.8927, 11.3232

Details

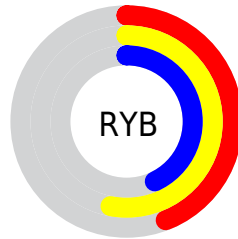
The YIQ color $130.2750, 9.1710, -6.5170$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $113.7250, -9.1710, 6.5170$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.1610, 9.4920, -6.8280$, and $81.0900, 8.2540, -6.4180$ is the 20% darker color. If you saturate the color by 10%, you get $127.6190, 13.8940, -9.5140$, and if you desaturate by 10%, it is $133.0450, 4.1270, -3.2090$.

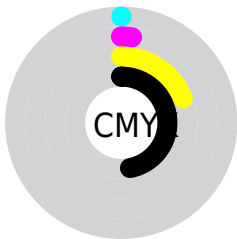
Distribution



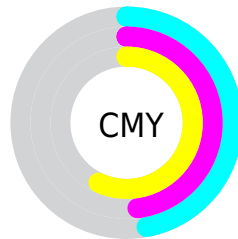
- Red (53%)
- Green (52%)
- Blue (43%)



- Red (44%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2750, 9.1710, -6.5170 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 130.2750, 9.1710, -6.5170 by changing the saturation by 10% instead.

■ 130.2750, 9.1710,
-6.5170

■ 130.2750, 9.1710,
-6.5170

■ 255.0000, -0.0000,
-0.0000

■ 105.3890, 8.8500,
-6.2060

■ 183.1610, 9.4920,
-6.8280

■ 81.0900, 8.2540,
-6.4180

■ 211.0470, 9.8130,
-7.1390

■ 58.2040, 7.9330,
-6.1070

■ 239.2320, 10.7300,
-7.2380

■ 36.1330, 6.6950,
-5.6970

■ 253.7460, 3.5310,
-3.4210

■ 15.3610, 6.0530,
-5.0750

■ 0.0000, 0.0000,
0.0000

■ 130.2750, 9.1710,
-6.5170

■ 130.2750, 9.1710,
-6.5170

■ 127.6190, 13.8940,
-9.5140

■ 133.0450, 4.1270,
-3.2090

■ 125.4360, 18.6630,
-13.3450

■ 135.1140, -0.3210,
0.3110

■ 122.7800, 23.3860,
-16.3420

■ 137.8840, -5.3650,
3.6190

■ 120.5970, 28.1550,
-20.1730

■ 139.9530, -9.8130,
7.1390

■ 117.9410, 32.8780,
-23.1700

■ 142.7230,
-14.8570, 10.4470

■ 115.7580, 37.6470,
-27.0010

■ 144.7920,
-19.3050, 13.9670

■ 113.1020, 42.3700,
-29.9980

■ 147.5620,
-24.3490, 17.2750

■ 110.9190, 47.1390,

■ 149.6310,

-33.8290

-28.7970, 20.7950

■ 110.2180, 47.7350,
-33.6170

■ 152.4010,
-33.8410, 24.1030

Harmonies

Analogous

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



131.3300, 16.5060, -1.7820



130.2750, 9.1710, -6.5170



128.7190, -1.0070, -9.2870

Triad

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



130.2750, 9.1710, -6.5170



127.5610, -23.7490, -4.6210



133.3700, 11.0020, 9.8660

Complementary

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



130.2750, 9.1710, -6.5170



113.7250, -9.1710, 6.5170

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.



132.9820, 0.4110, 9.0750



130.2750, 9.1710, -6.5170



129.2890, -19.8070, 1.0330

Square

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



130.2750, 9.1710, -6.5170



127.0080, -20.8140, -8.2540



131.1270, -10.3630, 6.0930



132.9100, 18.1090, 7.7170

Rectangle

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



130.2750, 9.1710, -6.5170



128.2990, -8.5720, -9.8520



131.1270, -10.3630, 6.0930



133.5160, 7.6550, 9.9510

Sweetspot

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



130.2750, 9.1710, -6.5170



174.1590, 3.8060, -2.8980



117.1160, 14.5330, 6.4450



88.3160, 1.9260, -1.8660



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



130.2750, 9.1710, -6.5170



168.3910, 14.5360, -10.1360



129.0460, 2.3860, -10.2060



65.3160, 1.9260, -1.8660



106.3750, 45.8550, -32.5850



2.0710, 1.2380, -0.4100

Inverse Universe

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



113.7250, -9.1710, 6.5170



142.6090, -14.5360, 10.1360



114.9540, -2.3860, 10.2060



60.6840, -1.9260, 1.8660



23.6250, -45.8550, 32.5850



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 130.2750, 9.1710, -6.5170 looks on a white background.

Color Contrast Check

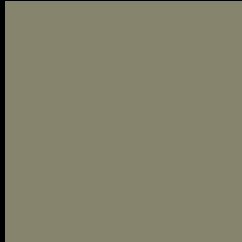
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2750, 9.1710, -6.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

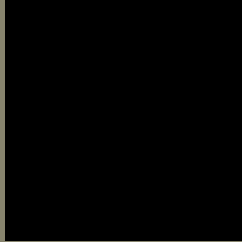
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.2750, 9.1710, -6.5170

Background



This preview shows how black text looks on a background with the YIQ color 130.2750, 9.1710, -6.5170.



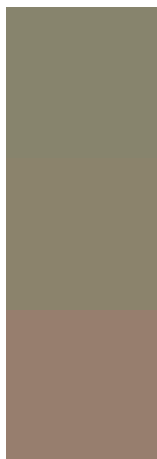
This preview shows how white text looks on a background with the YIQ color 130.2750, 9.1710,

-6.5170.

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

130.2750, 9.1710, -6.5170

Protanopia

130.7700, 12.1510, -5.4570

Deuteranopia

131.6510, 20.0360, 0.3240



Tritanopia

132.4290, 3.3460, 5.4420

Trichromacy



Original Color

130.2750, 9.1710, -6.5170

Protanomaly

130.4710, 11.5550, -5.6690

Deuteranomaly

131.0310, 15.9100, -1.9940

Tritanomaly

131.4630, 6.0060, 1.2860

Monochromacy



Original Color

130.2750, 9.1710, -6.5170

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2730, 3.4850, -2.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2750, 9.1710, -6.5170 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(135, 132, 109)` looks like.

```
.text, #text, p{  
    color:rgb(135, 132, 109)  
}
```

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(135, 132, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 132, 109) }
```

Border

The CSS property to change the border of an element to YIQ 130.2750, 9.1710, -6.5170 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(135, 132, 109) }
```


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

```
.border{ border-color:rgb(135, 132, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 132, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 132, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 132, 109);  
box-shadow:4px 4px 4px 4px rgb(135, 132,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2750, 9.1710, -6.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 132, 109) }
```

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

```
.background{ background-color: rgb(135,  
132, 109) }
```

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