

Converting Colors

YIQ(136.8190, 10.4550, -7.7610)

Have a look what the booklet for
YIQ(136.8190, 10.4550, -7.7610)
contains.

YIQ(136.8190, 10.4550, -7.7610)	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(136.8190, 10.4550,
-7.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8B70
RGB	142, 139, 112
RGB Percent	56%, 55%, 44%
CMY	0.4431, 0.4549, 0.5607
CMYK	0.00, 0.02, 0.21, 0.44
HSL	54°, 12%, 50%
HSV	54°, 21%, 56%
XYZ	23.3128, 25.3856, 19.0051
YIQ	136.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

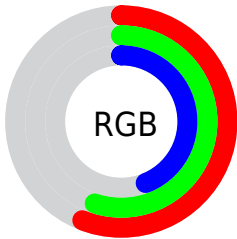
Format	Color
R_{YB}	115, 142, 112
Decimal	9341808
CIE _{Lab}	57.45, -3.61, 14.86
CIE _{LCh}	57, 15.296, 103.641
Yxy	25.3856, 0.3443, 0.3750
Android (android.graphics.Color)	4287531888 (0xFF8E8B70)
YUV	136.8190, -12.2358, 4.5437
Hunter-Lab	50.3841, -5.5799, 12.9045

Details

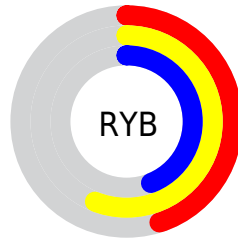
The YIQ color $136.8190, 10.4550, -7.7610$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $117.1810, -10.4550, 7.7610$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0040, 11.3720, -7.8600$, and $86.7480, 9.2170, -7.3510$ is the 20% darker color. If you saturate the color by 10%, you get $134.6360, 15.2240, -11.5920$, and if you desaturate by 10%, it is $139.0020, 5.6860, -3.9300$.

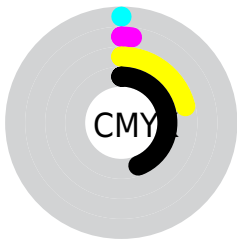
Distribution



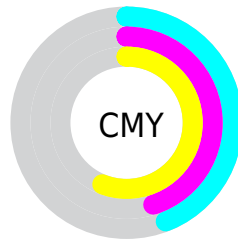
- Red (56%)
- Green (55%)
- Blue (44%)



- Red (45%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8190, 10.4550, -7.7610 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 136.8190, 10.4550, -7.7610 by changing the saturation by 10% instead.

■ 136.8190, 10.4550,
-7.7610

■ 136.8190, 10.4550,
-7.7610

■ 255.0000, -0.0000,
-0.0000

■ 111.6340, 9.5380,
-7.6620

■ 190.0040, 11.3720,
-7.8600

■ 86.7480, 9.2170,
-7.3510

■ 217.8900, 11.6930,
-8.1710

■ 63.8620, 8.8960,
-7.0400

■ 246.7760, 12.0140,
-8.4820

■ 41.6770, 7.9790,
-6.9410

■ 254.0880, 2.5680,
-2.4880

■ 20.9760, 8.5750,
-6.7290

■ 0.0000, 0.0000,
0.0000

■ 136.8190, 10.4550,
-7.7610

■ 136.8190, 10.4550,
-7.7610

■ 134.6360, 15.2240,
-11.5920

■ 139.0020, 5.6860,
-3.9300

■ 131.8660, 20.2680,
-14.9000

■ 141.7720, 0.6420,
-0.6220

■ 129.5690, 25.3580,
-19.0420

■ 144.0690, -4.4480,
3.5200

■ 126.7990, 30.4020,
-22.3500

■ 146.8390, -9.4920,
6.8280

■ 124.6160, 35.1710,
-26.1810

■ 149.0220,
-14.2610, 10.6590

■ 121.8460, 40.2150,
-29.4890

■ 151.7920,
-19.3050, 13.9670

■ 119.6630, 44.9840,
-33.3200

■ 153.9750,
-24.0740, 17.7980

■ 117.5940, 49.4320,

■ 156.2720,

-36.8400

-29.1640, 21.9400

■ 159.0420,
-34.2080, 25.2480

Harmonies

Analogous

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



138.4720, 18.9820, -2.6020



136.8190, 10.4550, -7.7610



135.3660, -1.5110, -11.1670

Triad

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



136.8190, 10.4550, -7.7610



133.4080, -27.6920, -4.7480



140.2070, 13.0190, 11.8590

Complementary

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



136.8190, 10.4550, -7.7610



117.1810, -10.4550, 7.7610

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.



140.2210, 1.2360, 10.6440



136.8190, 10.4550, -7.7610



135.4350, -23.1540, 1.1180

Square

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



136.8190, 10.4550, -7.7610



132.9150, -24.9860, -9.7380



138.2840, -12.2430, 7.1250



140.4050, 21.0890, 8.7770

Rectangle

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



136.8190, 10.4550, -7.7610



134.4620, -10.5890, -11.8450



138.2840, -12.2430, 7.1250



140.3530, 9.6720, 11.9440

Sweetspot

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



136.8190, 10.4550, -7.7610



181.5720, 4.0810, -2.3750



121.3120, 16.9170, 7.2930



90.6150, 2.5220, -1.6540



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



136.8190, 10.4550, -7.7610



175.8210, 16.1410, -11.6910



134.9920, 2.4780, -11.8740



70.2020, 2.2470, -2.1770



111.9790, 46.9100, -35.1860



6.5010, 2.8430, -1.9650

Inverse Universe

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



117.1810, -10.4550, 7.7610



145.5920, -15.8660, 12.2140



119.0080, -2.4780, 11.8740



65.3850, -2.5220, 1.6540



23.6080, -47.1850, 34.6630



1.4990, -2.8430, 1.9650

Previews

White Background



This preview shows how the YIQ color 136.8190, 10.4550, -7.7610 looks on a white background.

Color Contrast Check

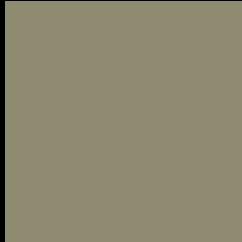
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8190, 10.4550, -7.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

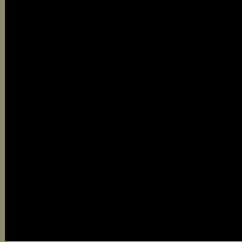
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8190, 10.4550, -7.7610

Background



This preview shows how black text looks on a background with the YIQ color 136.8190, 10.4550, -7.7610.



This preview shows how white text looks on a background with the YIQ color 136.8190, 10.4550, -7.7610.

-7.7610.

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

136.8190, 10.4550, -7.7610

Protanopia

137.3140, 13.4350, -6.7010

Deuteranopia

138.7930, 22.5120, -0.4960



Tritanopia

138.8420, 3.6210, 5.9650

Trichromacy



Original Color

136.8190, 10.4550, -7.7610

Protanomaly

137.0150, 12.8390, -6.9130

Deuteranomaly

137.8740, 17.7900, -3.0260

Tritanomaly

138.3490, 6.3270, 0.9750

Monochromacy



Original Color

136.8190, 10.4550, -7.7610

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1590, 3.8060, -2.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8190, 10.4550, -7.7610 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(142, 139, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 112)  
}
```

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(142, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 112) }
```

Border

The CSS property to change the border of an element to YIQ 136.8190, 10.4550, -7.7610 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(142, 139, 112) }
```


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

```
.border{ border-color:rgb(142, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8190, 10.4550, -7.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 112) }
```

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

```
.background{ background-color: rgb(142,  
139, 112) }
```

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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