

Converting Colors

YIQ(135.1500, 8.0250, -7.7750)

Have a look what the booklet for
YIQ(135.1500, 8.0250, -7.7750)
contains.

YIQ(135.1500, 8.0250, -7.7750)	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(135.1500, 8.0250,
-7.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8A71
RGB	138, 138, 113
RGB Percent	54%, 54%, 44%
CMY	0.4588, 0.4588, 0.5568
CMYK	0.00, 0.00, 0.18, 0.46
HSL	60°, 10%, 49%
HSV	60°, 18%, 54%
XYZ	22.5504, 24.7724, 19.2197
YIQ	135.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

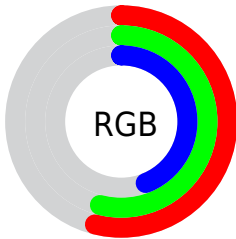
Format	Color
R_{YB}	113, 138, 113
Decimal	9079409
CIE _{Lab}	56.85, -4.49, 13.42
CIE _{LCh}	57, 14.148, 108.492
Yxy	24.7724, 0.3389, 0.3723
Android (android.graphics.Color)	4287269489 (0xFF8A8A71)
YUV	135.1500, -10.9200, 2.4994
Hunter-Lab	49.7719, -6.2269, 11.9452

Details

The YIQ color $135.1500, 8.0250, -7.7750$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $115.8500, -8.0250, 7.7750$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.3350, 8.9420, -7.8740$, and $85.3780, 7.3830, -7.1530$ is the 20% darker color. If you saturate the color by 10%, you get $133.5540, 12.5190, -12.1290$, and if you desaturate by 10%, it is $136.7460, 3.5310, -3.4210$.

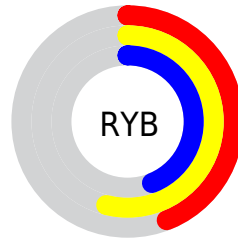
Distribution



Red (54%)

Green (54%)

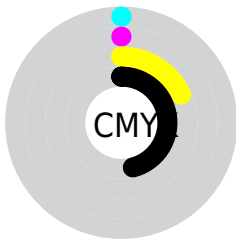
Blue (44%)



Red (44%)

Yellow (54%)

Blue (44%)

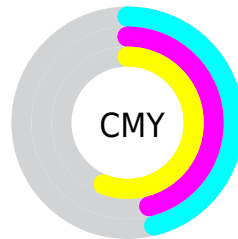


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (46%)



Cyan (46%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1500, 8.0250, -7.7750 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 135.1500, 8.0250, -7.7750 by changing the saturation by 10% instead.

■ 135.1500, 8.0250,
-7.7750

■ 135.1500, 8.0250,
-7.7750

■ 255.0000, -0.0000,
-0.0000

■ 109.8510, 7.4290,
-7.9870

■ 188.3350, 8.9420,
-7.8740

■ 85.3780, 7.3830,
-7.1530

■ 216.2210, 9.2630,
-8.1850

■ 62.1930, 6.4660,
-7.0540

■ 244.8080, 8.9880,
-8.7080

■ 40.3070, 6.1450,
-6.7430

■ 254.2020, 2.2470,
-2.1770

■ 20.0790, 6.7870,
-7.3650

■ 0.0000, 0.0000,
0.0000

■ 135.1500, 8.0250,
-7.7750

■ 135.1500, 8.0250,
-7.7750

■ 133.5540, 12.5190,
-12.1290

■ 136.7460, 3.5310,
-3.4210

■ 131.9580, 17.0130,
-16.4830

■ 138.3420, -0.9630,
0.9330

■ 130.4760, 21.1860,
-20.5260

■ 139.8240, -5.1360,
4.9760

■ 128.8800, 25.6800,
-24.8800

■ 141.4200, -9.6300,
9.3300

■ 127.2840, 30.1740,
-29.2340

■ 143.0160,
-14.1240, 13.6840

■ 125.6880, 34.6680,
-33.5880

■ 144.6120,
-18.6180, 18.0380

■ 124.0920, 39.1620,
-37.9420

■ 146.2080,
-23.1120, 22.3920

■ 122.6100, 43.3350,

■ 147.6900,

-41.9850

-27.2850, 26.4350

■ 122.2680, 44.2980,
-42.9180

■ 149.2860,
-31.7790, 30.7890

Harmonies

Analogous

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



136.6890, 16.8730, -2.9270



135.1500, 8.0250, -7.7750



133.5230, -3.3910, -10.1350

Triad

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



135.1500, 8.0250, -7.7750



132.6040, -25.3080, -3.9000



138.5660, 13.3860, 10.7140

Complementary

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



135.1500, 8.0250, -7.7750



115.8500, -8.0250, 7.7750

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.



138.5910, 3.0700, 10.4460



135.1500, 8.0250, -7.7750



134.8160, -19.8530, 1.8670

Square

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



135.1500, 8.0250, -7.7750



132.0400, -23.8400, -8.4800



137.2520, -9.2170, 7.3510



138.2800, 19.9430, 7.5190

Rectangle

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



135.1500, 8.0250, -7.7750



132.8040, -11.5520, -10.9120



137.2520, -9.2170, 7.3510



139.0110, 10.6350, 11.0110

Sweetspot

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



135.1500, 8.0250, -7.7750



177.6750, 2.2930, -3.0110



120.4750, 14.9000, 5.3000



88.4300, 1.6050, -1.5550



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.



135.1500, 8.0250, -7.7750



174.1410, 12.2440, -12.6520



131.5620, 0.8730, -10.3190



68.2020, 2.2470, -2.1770



117.8380, 42.6930, -41.3630



4.4300, 1.6050, -1.5550

Inverse Universe

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



115.8500, -8.0250, 7.7750



143.5600, -12.8400, 12.4400



119.7370, -0.2770, 10.5310



62.7980, -2.2470, 2.1770



15.1620, -42.6930, 41.3630



0.5700, -1.6050, 1.5550

Previews

White Background



This preview shows how the YIQ color 135.1500, 8.0250, -7.7750 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 135.1500, 8.0250, -7.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

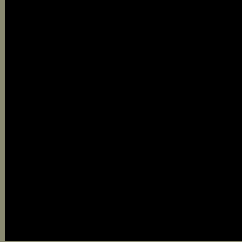
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.1500, 8.0250, -7.7750

Background



This preview shows how black text looks on a background with the YIQ color 135.1500, 8.0250, -7.7750.



This preview shows how white text looks on a background with the YIQ color 135.1500, 8.0250,

-7.7750.

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

135.1500, 8.0250, -7.7750

Protanopia

135.6560, 12.4720, -5.7680

Deuteranopia

136.8360, 20.9530, 0.2250



Tritanopia

137.5320, 1.5580, 4.8060

Trichromacy



Original Color

135.1500, 8.0250, -7.7750

Protanomaly

135.6450, 11.0050, -6.7150

Deuteranomaly

136.5040, 15.9560, -2.8280

Tritanomaly

136.5660, 4.2180, 0.6500

Monochromacy



Original Color

135.1500, 8.0250, -7.7750

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9740, 2.8890, -2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1500, 8.0250, -7.7750 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(138, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 113)  
}
```

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(138, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 113) }
```

Border

The CSS property to change the border of an element to YIQ 135.1500, 8.0250, -7.7750 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(138, 138, 113) }
```


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

```
.border{ border-color:rgb(138, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1500, 8.0250, -7.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 113) }
```

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

```
.background{ background-color: rgb(138,  
138, 113) }
```

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