

Converting Colors

YIQ(134.7700, 21.3190, 4.6070)

Have a look what the booklet for
YIQ(134.7700, 21.3190, 4.6070)
contains.

YIQ(134.7700, 21.3190, 4.6070)	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(134.7700, 21.3190,
4.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7E77
RGB	158, 126, 119
RGB Percent	62%, 49%, 47%
CMY	0.3803, 0.5059, 0.5332
CMYK	0.00, 0.20, 0.25, 0.38
HSL	11°, 17%, 54%
HSV	11°, 25%, 62%
XYZ	24.8944, 23.5217, 20.6881
YIQ	134.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

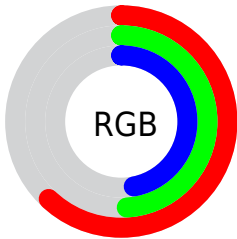
Format	Color
R_{YB}	158, 128, 119
Decimal	10387063
CIE _{Lab}	55.61, 11.26, 8.48
CIE _{LCh}	56, 14.098, 36.976
Yxy	23.5217, 0.3602, 0.3404
Android (android.graphics.Color)	4288577143 (0xFF9E7E77)
YUV	134.7700, -7.7746, 20.3727
Hunter-Lab	48.4992, 6.7499, 8.6584

Details

The YIQ color **134.7700, 21.3190, 4.6070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.2300, -21.3190, -4.6070**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.2540, 22.8320, 4.7200**, and **84.9870, 19.2100, 4.2820** is the 20% darker color. If you saturate the color by 10%, you get **125.3150, 30.0300, 6.4300**, and if you desaturate by 10%, it is **144.2250, 12.6080, 2.7840**.

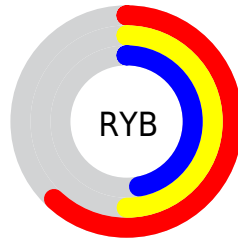
Distribution



Red (62%)

Green (49%)

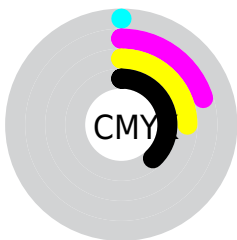
Blue (47%)



Red (62%)

Yellow (50%)

Blue (47%)

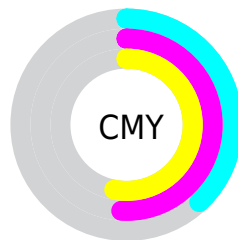


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7700, 21.3190, 4.6070 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 134.7700, 21.3190, 4.6070 by changing the saturation by 10% instead.

■ 134.7700, 21.3190,
4.6070

■ 134.7700, 21.3190,
4.6070

■ 255.0000, -0.0000,
-0.0000

■ 109.4710, 20.7230,
4.3950

■ 188.2540, 22.8320,
4.7200

■ 84.9870, 19.2100,
4.2820

■ 215.8520, 24.0240,
5.1440

■ 61.3890, 18.0180,
3.8580

■ 239.3670, 15.0840,
1.9640

■ 39.4920, 16.2300,
3.2220

■ 17.5200, 19.0270,
2.0910

■ 0.0000, 0.0000,
0.0000

■ 134.7700, 21.3190,
4.6070

■ 134.7700, 21.3190,
4.6070

■ 125.3150, 30.0300,
6.4300

■ 144.2250, 12.6080,
2.7840

■ 115.8600, 38.7410,
8.2530

■ 153.6800, 3.8970,
0.9610

■ 106.5190, 47.1310,
10.3870

■ 163.0210, -4.4930,
-1.1730

■ 97.0640, 55.8420,
12.2100

■ 172.4760,
-13.2040, -2.9960

■ 87.6090, 64.5530,
14.0330

■ 181.9310,
-21.9150, -4.8190

■ 78.1540, 73.2640,
15.8560

■ 191.3860,
-30.6260, -6.6420

■ 68.6990, 81.9750,
17.6790

■ 200.8410,
-39.3370, -8.4650

■ 63.6780, 86.4680,

■ 210.1820,

18.8520

-47.7270, -10.5990

■ 218.9530,
-54.5120, -14.2880

Harmonies

Analogous

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



135.5510, 17.7420, 8.8620



134.7700, 21.3190, 4.6070



133.5260, 18.8900, -0.9340

Triad

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



134.7700, 21.3190, 4.6070



129.4020, -10.3600, -10.4880



132.7460, -13.6640, 5.3440

Complementary

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



134.7700, 21.3190, 4.6070



142.2300, -21.3190, -4.6070

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.



130.6800, -22.4660, -0.3380



134.7700, 21.3190, 4.6070



128.4810, -20.7680, -9.0880

Square

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



134.7700, 21.3190, 4.6070



130.9750, 1.1480, -9.7960



129.1370, -25.4910, -6.0910



134.7260, -1.7440, 9.5840

Rectangle

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



134.7700, 21.3190, 4.6070



132.9660, 14.5350, -4.6090



129.1370, -25.4910, -6.0910



132.4250, -17.1940, 3.2380

Sweetspot

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



134.7700, 21.3190, 4.6070



198.2460, 8.1150, 1.6110



134.4230, 12.6510, 18.5310



99.8650, 4.8140, 0.8620



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



134.7700, 21.3190, 4.6070



169.9950, 33.9270, 7.3910



145.9230, 16.0940, -5.3300



74.5660, 4.2180, 0.6500



58.0190, 78.0780, 16.7180



6.2460, 8.1150, 1.6110

Inverse Universe

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



142.2300, -21.3190, -4.6070



181.4180, -33.6520, -6.8680



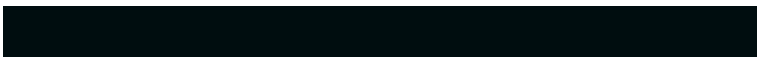
131.0770, -16.0940, 5.3300



76.0210, -4.4930, -1.1730



84.9810, -78.0780, -16.7180



9.3410, -8.3900, -2.1340

Previews

White Background



This preview shows how the YIQ color 134.7700, 21.3190, 4.6070 looks on a white background.

Color Contrast Check

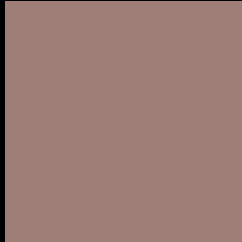
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7700, 21.3190, 4.6070 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 134.7700, 21.3190, 4.6070

Background



This preview shows how black text looks on a background with the YIQ color 134.7700, 21.3190, 4.6070.



This preview shows how white text looks on a background with the YIQ color 134.7700, 21.3190,

4.6070.

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

134.7700, 21.3190, 4.6070

Protanopia

133.3550, 6.1900, -2.0500

Deuteranopia

134.7370, 16.9180, 1.7660



Tritanopia

135.7900, 18.5670, 10.4310

Trichromacy



Original Color

134.7700, 21.3190, 4.6070

Protanomaly

133.5730, 11.5080, 0.6920

Deuteranomaly

134.7480, 18.3850, 2.7130

Tritanomaly

135.5080, 19.3010, 8.1410

Monochromacy



Original Color

134.7700, 21.3190, 4.6070

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7700, 21.3190, 4.6070 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(158, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 119)  
}
```

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(158, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 119) }
```

Border

The CSS property to change the border of an element to YIQ 134.7700, 21.3190, 4.6070 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(158, 126, 119) }
```


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

```
.border{ border-color:rgb(158, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 119);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7700, 21.3190, 4.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 119) }
```

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

```
.background{ background-color: rgb(158,  
126, 119) }
```

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