

Converting Colors

YIQ(138.9500, 2.2960, -19.5920)

Have a look what the booklet for
YIQ(138.9500, 2.2960, -19.5920)
contains.

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Color

**YIQ(138.9500, 2.2960,
-19.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	819767
RGB	129, 151, 103
RGB Percent	51%, 59%, 40%
CMY	0.4942, 0.4078, 0.5960
CMYK	0.15, 0.00, 0.32, 0.41
HSL	88°, 19%, 50%
HSV	88°, 32%, 59%
XYZ	22.5669, 27.7811, 17.0080
YIQ	138.9500, 2.2960, -19.5920

Conversions

Conversions Part 2

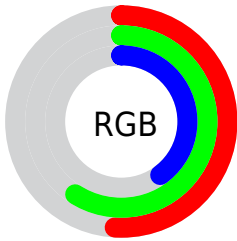
Format	Color
RYB	103, 151, 125
Decimal	8492903
CIELab	59.69, -16.64, 22.79
CIElCh	60, 28.219, 126.139
Yxy	27.7811, 0.3350, 0.4125
Android (android.graphics.Color)	4286682983 (0xFF819767)
YUV	138.9500, -17.7233, -8.7261
Hunter-Lab	52.7078, -15.8137, 17.7636

Details

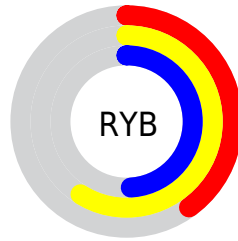
The YIQ color $138.9500, 2.2960, -19.5920$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $115.0500, -2.2960, 19.5920$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.3090, 2.6630, -20.7370$, and $88.5910, 1.9290, -18.4470$ is the 20% darker color. If you saturate the color by 10%, you get $135.1470, 2.9390, -25.7410$, and if you desaturate by 10%, it is $142.7530, 1.6530, -13.4430$.

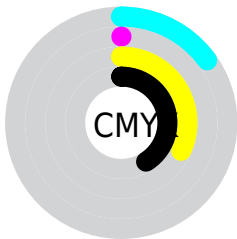
Distribution



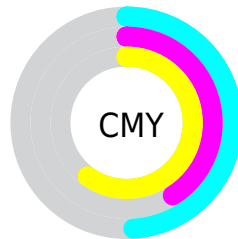
- Red (51%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9500, 2.2960, -19.5920 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 138.9500, 2.2960, -19.5920 by changing the saturation by 10% instead.


 138.9500, 2.2960,
-19.5920


 138.9500, 2.2960,
-19.5920


255.0000, -0.0000,
-0.0000


 113.1780, 1.6540,
-18.9700


 192.3090, 2.6630,
-20.7370


 88.5910, 1.9290,
-18.4470


 220.1950, 2.9840,
-21.0480


 64.8190, 1.2870,
-17.8250

 244.9720, 5.2300,
-17.6980

 42.2320, 1.5620,
-17.3020

 252.9480, 5.7780,
-5.5980

 21.7740, -2.8400,
-14.6160

 0.0000, 0.0000,
0.0000

■ 138.9500, 2.2960,
-19.5920

■ 138.9500, 2.2960,
-19.5920

■ 135.1470, 2.9390,
-25.7410

■ 142.7530, 1.6530,
-13.4430

■ 131.3440, 3.5820,
-31.8900

■ 146.5560, 1.0100,
-7.2940

■ 127.5410, 4.2250,
-38.0390

■ 150.3590, 0.3670,
-1.1450

■ 123.7380, 4.8680,
-44.1880

■ 154.1620, -0.2760,
5.0040

■ 119.9350, 5.5110,
-50.3370

■ 158.0790, -1.2400,
11.4640

■ 116.0180, 6.4750,
-56.7970

■ 161.8820, -1.8830,
17.6130

■ 113.1550, 7.3470,
-61.5890

■ 165.6850, -2.5260,
23.7620

■ 169.1890, -3.7650,

29.6990

■ 172.9920, -4.4080,
35.8480

Harmonies

Analogous

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



141.8880, 23.2020, -13.0060



138.9500, 2.2960, -19.5920



135.4940, -22.7830, -22.1350

Triad

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



138.9500, 2.2960, -19.5920



134.9890, -54.1930, -3.5450



146.7430, 35.1170, 18.8690

Complementary

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



138.9500, 2.2960, -19.5920



115.0500, -2.2960, 19.5920

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.



147.6520, 19.4360, 22.2200



138.9500, 2.2960, -19.5920



141.8120, -31.2250, 9.7270

Square

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



138.9500, 2.2960, -19.5920



129.1200, -62.3520, -15.3760



146.8540, -4.6800, 18.7440



145.4690, 41.4000, 9.6240

Rectangle

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



138.9500, 2.2960, -19.5920



132.3380, -39.8390, -21.3990



146.8540, -4.6800, 18.7440



147.0570, 31.3570, 20.9330

Sweetspot

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



138.9500, 2.2960, -19.5920



191.1430, 0.7350, -7.8170



130.2660, 22.5580, -1.3300



96.2510, 0.5510, -4.4810



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



138.9500, 2.2960, -19.5920



177.3980, 3.4900, -30.2220



131.7740, -12.0080, -24.6800



74.8920, 0.1840, -3.3360



104.9040, 6.7960, -57.1080



9.7240, 0.5970, -5.3150

Inverse Universe

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



115.0500, -2.2960, 19.5920



140.6020, -3.4900, 30.2220



122.2260, 12.0080, 24.6800



70.8090, -0.7800, 3.1240



35.0960, -6.7960, 57.1080



3.2760, -0.5970, 5.3150

Previews

White Background



This preview shows how the YIQ color 138.9500, 2.2960, -19.5920 looks on a white background.

Color Contrast Check

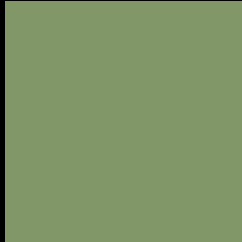
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9500, 2.2960, -19.5920 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 138.9500, 2.2960, -19.5920

Background



This preview shows how black text looks on a background with the YIQ color 138.9500, 2.2960, -19.5920.



This preview shows how white text looks on a background with the YIQ color 138.9500, 2.2960, -19.5920.

-19.5920.

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

138.9500, 2.2960, -19.5920

Protanopia

141.6860, 20.9550, -10.8290

Deuteranopia

143.9200, 29.3440, -3.1680



Tritanopia

143.2750, -8.0240, 2.2480

Trichromacy



Original Color

138.9500, 2.2960, -19.5920

Protanomaly

140.8700, 14.4450, -13.9950

Deuteranomaly

142.2560, 19.3500, -9.2740

Tritanomaly

141.9730, -4.5380, -5.8660

Monochromacy



Original Color

138.9500, 2.2960, -19.5920

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.6700, 0.6890, -6.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9500, 2.2960, -19.5920 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(129, 151, 103)` looks like.

```
.text, #text, p{  
    color:rgb(129, 151, 103)  
}
```

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(129, 151, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 151, 103) }
```

Border

The CSS property to change the border of an element to YIQ 138.9500, 2.2960, -19.5920 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(129, 151, 103) }
```


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

```
.border{ border-color:rgb(129, 151, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 151, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 151, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 151, 103);  
box-shadow:4px 4px 4px 4px rgb(129, 151,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9500, 2.2960, -19.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 151, 103) }
```

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

```
.background{ background-color: rgb(129,  
151, 103) }
```

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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