

Converting Colors

YIQ(133.9300, -12.1470,
-16.6510)

Have a look what the booklet for
YIQ(133.9300, -12.1470, -16.6510)
contains.

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Color

**YIQ(133.9300, -12.1470,
-16.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	709477
RGB	112, 148, 119
RGB Percent	44%, 58%, 47%
CMY	0.5609, 0.4195, 0.5334
CMYK	0.24, 0.00, 0.20, 0.42
HSL	132°, 14%, 51%
HSV	132°, 24%, 58%
XYZ	20.6004, 25.9593, 21.3756
YIQ	133.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

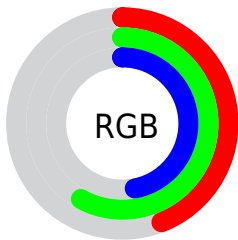
Format	Color
RYB	112, 142, 148
Decimal	7378039
CIELab	58.00, -18.62, 11.35
CIElCh	58, 21.801, 148.642
Yxy	25.9593, 0.3032, 0.3821
Android (android.graphics.Color)	4285568119 (0xFF709477)
YUV	133.9300, -7.3605, -19.2326
Hunter-Lab	50.9503, -16.9913, 10.7908

Details

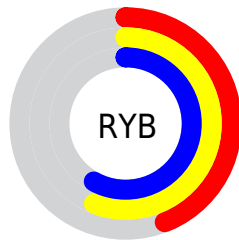
The YIQ color **133.9300, -12.1470, -16.6510** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **126.0700, 12.1470, 16.6510**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.1040, -12.6970, -17.6970**, and **83.8700, -11.9180, -15.2940** is the 20% darker color. If you saturate the color by 10%, you get **128.0770, -17.2350, -23.5630**, and if you desaturate by 10%, it is **139.7830, -7.0590, -9.7390**.

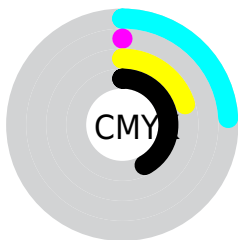
Distribution



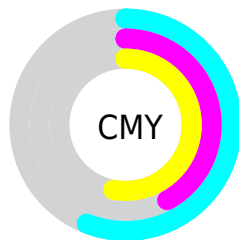
- Red (44%)
- Green (58%)
- Blue (47%)



- Red (44%)
- Yellow (56%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9300, -12.1470, -16.6510 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 133.9300, -12.1470, -16.6510 by changing the saturation by 10% instead.

■ 133.9300,
-12.1470, -16.6510

■ 133.9300,
-12.1470, -16.6510

■ 255.0000, -0.0000,
-0.0000

■ 108.3430,
-11.8720, -16.1280

■ 187.1040,
-12.6970, -17.6970

■ 83.8700, -11.9180,
-15.2940

■ 215.1040,
-12.6970, -17.6970

■ 60.2830, -11.6430,
-14.7710

■ 241.3430,
-11.8720, -16.1280

■ 37.5110, -12.2850,
-14.1490

■ 252.9070, -4.1720,
-1.4840

■ 17.7240, -8.5710,
-15.3790

■ 0.0000, 0.0000,
0.0000

■ 133.9300,
-12.1470, -16.6510

■ 133.9300,
-12.1470, -16.6510

■ 128.0770,
-17.2350, -23.5630

■ 139.7830, -7.0590,
-9.7390

■ 122.2240,
-22.3230, -30.4750

■ 145.6360, -1.9710,
-2.8270

■ 116.6700,
-26.8150, -37.1750

■ 151.1900, 2.5210,
3.8730

■ 110.8170,
-31.9030, -44.0870

■ 157.0430, 7.6090,
10.7850

■ 104.9640,
-36.9910, -50.9990

■ 162.8960, 12.6970,
17.6970

■ 99.1110, -42.0790,
-57.9110

■ 168.7490, 17.7850,
24.6090

■ 93.3720, -47.4880,
-64.5120

■ 174.4880, 23.1940,
31.2100

■ 90.1820, -50.0090,

■ 180.0420, 27.6860,

-68.3850

37.9100

 185.8950, 32.7740,
44.8220

Harmonies

Analogous

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



136.6780, 6.2380, -13.9380



133.9300, -12.1470, -16.6510



131.5890, -30.1200, -15.8160

Triad

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



133.9300, -12.1470, -16.6510



137.3300, -27.0520, 5.6840



141.6790, 32.0010, 9.2570

Complementary

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



133.9300, -12.1470, -16.6510



126.0700, 12.1470, 16.6510

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.



142.6600, 24.9850, 15.2650



133.9300, -12.1470, -16.6510



141.1260, -8.6220, 13.0900

Square

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



133.9300, -12.1470, -16.6510



133.2910, -40.4840, -4.1960



142.5860, 10.6340, 16.5380



139.9250, 30.9480, 0.8040

Rectangle

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



133.9300, -12.1470, -16.6510



130.3800, -39.6570, -13.6810



142.5860, 10.6340, 16.5380



141.7760, 30.3500, 11.6460

Sweetspot

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



133.9300, -12.1470, -16.6510



185.8590, -4.2170, -6.1770



141.8030, 7.3840, -12.6800



93.9240, -2.8420, -3.5620



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.9300, -12.1470, -16.6510



169.5390, -18.6560, -25.3440



135.9820, -17.9250, -11.0530



71.2230, -2.2460, -3.3500



84.0840, -46.6170, -63.7770



6.0980, -3.3920, -4.6080

Inverse Universe

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



126.0700, 12.1470, 16.6510



157.4610, 18.6560, 25.3440



124.0180, 17.9250, 11.0530



69.7770, 2.2460, 3.3500



53.9160, 46.6170, 63.7770



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 133.9300, -12.1470, -16.6510 looks on a white background.

Color Contrast Check

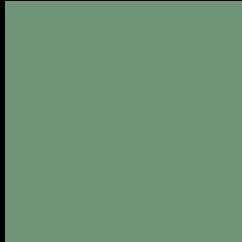
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9300, -12.1470, -16.6510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

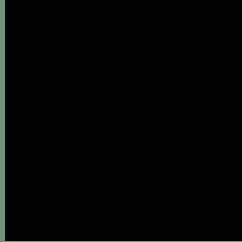
Any Text WCAG AA ✓ Pass

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 133.9300, -12.1470, -16.6510 Background



This preview shows how black text looks on a background with the YIQ color 133.9300, -12.1470, -16.6510.



This preview shows how white text looks on a background with the YIQ color 133.9300, -12.1470, -16.6510.

-16.6510.

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

133.9300, -12.1470, -16.6510

Protanopia

138.5420, 12.7930, -6.0790

Deuteranopia

140.1070, 18.7520, 1.5680



Tritanopia

136.8930, -18.7520, -1.5680

Trichromacy



Original Color

133.9300, -12.1470, -16.6510

Protanomaly

136.6440, 3.5780, -9.7820

Deuteranomaly

137.8450, 7.5660, -4.9620

Tritanomaly

135.9870, -16.3210, -7.0810

Monochromacy



Original Color

133.9300, -12.1470, -16.6510

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9300, -12.1470, -16.6510 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(112, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(112, 148, 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(112, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 148, 119) }
```

Border

The CSS property to change the border of an element to YIQ 133.9300, -12.1470, -16.6510 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(112, 148, 119) }
```


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

```
.border{ border-color:rgb(112, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(112, 148,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9300, -12.1470, -16.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 148, 119) }
```

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

```
.background{ background-color: rgb(112,  
148, 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](#).

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