

Converting Colors

YIQ(133.1270, -28.6990,
-14.0350)

Have a look what the booklet for
YIQ(133.1270, -28.6990, -14.0350)
contains.

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Color

**YIQ(133.1270, -28.6990,
-14.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	61968D
RGB	97, 150, 141
RGB Percent	38%, 59%, 55%
CMY	0.6197, 0.4117, 0.4472
CMYK	0.35, 0.00, 0.06, 0.41
HSL	170°, 21%, 48%
HSV	170°, 35%, 59%
XYZ	20.6418, 26.2816, 29.1736
YIQ	133.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

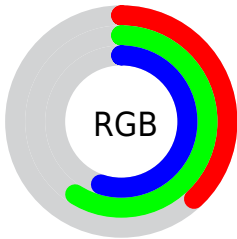
Format	Color
R_{YB}	97, 126, 150
Decimal	6395533
CIE _{Lab}	58.30, -19.73, -0.83
CIE _{LCh}	58, 19.748, 182.398
Yxy	26.2816, 0.2713, 0.3454
Android (android.graphics.Color)	4284585613 (0xFF61968D)
YUV	133.1270, 3.8814, -31.6834
Hunter-Lab	51.2656, -17.8429, 2.1459

Details

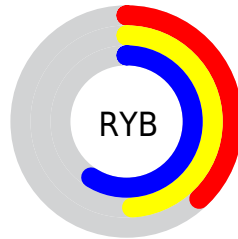
The YIQ color $133.1270, -28.6990, -14.0350$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.8730, 28.6990, 14.0350$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.8280, -29.2950, -14.2470$, and $82.2410, -29.0200, -13.7240$ is the 20% darker color. If you saturate the color by 10%, you get $128.3000, -36.6760, -18.1480$, and if you desaturate by 10%, it is $137.9540, -20.7220, -9.9220$.

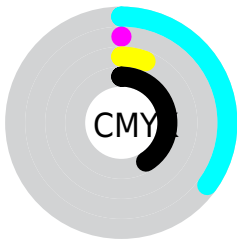
Distribution



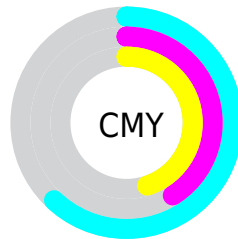
- Red (38%)
- Green (59%)
- Blue (55%)



- Red (38%)
- Yellow (49%)
- Blue (59%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1270, -28.6990, -14.0350 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 133.1270, -28.6990, -14.0350 by changing the saturation by 10% instead.

■ 133.1270,
-28.6990, -14.0350

■ 133.1270,
-28.6990, -14.0350

■ 255.0000, -0.0000,
-0.0000

■ 107.4260,
-28.1030, -13.8230

■ 186.8280,
-29.2950, -14.2470

■ 82.2410, -29.0200,
-13.7240

■ 215.0020,
-29.8450, -15.2930

■ 57.7570, -30.5330,
-13.8370

■ 239.5940,
-28.5160, -11.8440

■ 35.6540, -28.7450,
-13.2010

■ 248.7210,
-12.5160, -4.4520

■ 21.0470, -16.5500,
-8.4380

■ 0.0000, 0.0000,
0.0000

■ 133.1270,
-28.6990, -14.0350

■ 133.1270,
-28.6990, -14.0350

■ 128.3000,
-36.6760, -18.1480

■ 137.9540,
-20.7220, -9.9220

■ 123.5870,
-44.9740, -21.9500

■ 142.6670,
-12.4240, -6.1200

■ 118.7600,
-52.9510, -26.0630

■ 147.4940, -4.4470,
-2.0070

■ 114.0470,
-61.2490, -29.8650

■ 152.2070, 3.8510,
1.7950

■ 109.2200,
-69.2260, -33.9780

■ 157.0340, 11.8280,
5.9080

■ 104.5070,
-77.5240, -37.7800

■ 161.7470, 20.1260,
9.7100

■ 102.1860,
-81.0540, -39.8860

■ 166.5740, 28.1030,
13.8230

■ 171.2870, 36.4010,

17.6250

■ 176.1140, 44.3780,
21.7380

Harmonies

Analogous

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



134.7990, -13.1560, -14.8840



133.1270, -28.6990, -14.0350



132.6840, -37.4570, -9.4970

Triad

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



133.1270, -28.6990, -14.0350



141.8660, -4.9540, 12.6940



141.1310, 27.3720, -0.4680

Complementary

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



133.1270, -28.6990, -14.0350



113.8730, 28.6990, 14.0350

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.



141.9560, 29.6630, 7.5750



133.1270, -28.6990, -14.0350



143.1300, 11.9180, 15.2940

Square

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



133.1270, -28.6990, -14.0350



138.7820, -22.5130, 6.0230



143.0080, 23.8850, 13.1730



139.1250, 18.3410, -7.5070

Rectangle

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



133.1270, -28.6990, -14.0350



134.6180, -37.0910, -5.1150



143.0080, 23.8850, 13.1730



141.1960, 28.7470, 2.1470

Sweetspot

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



133.1270, -28.6990, -14.0350



186.9660, -11.8280, -5.9080



131.1010, -8.6150, -25.5990



92.8850, -7.1060, -3.3780



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.



133.1270, -28.6990, -14.0350



167.8860, -44.3780, -21.7380



124.1740, -26.9130, -2.3450



71.7930, -3.8510, -1.7950



94.0020, -74.5440, -36.7200



6.7820, -5.3180, -2.7420

Inverse Universe

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



113.8730, 28.6990, 14.0350



138.1140, 44.3780, 21.7380



122.8260, 26.9130, 2.3450



69.2070, 3.8510, 1.7950



43.8840, 74.8650, 36.4090



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 133.1270, -28.6990, -14.0350 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 133.1270, -28.6990, -14.0350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

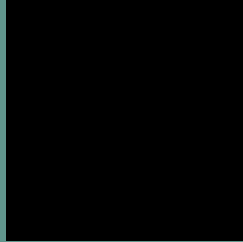
Any Text WCAG AA ✓ Pass

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 133.1270, -28.6990, -14.0350 Background



This preview shows how black text looks on a background with the YIQ color 133.1270, -28.6990, -14.0350.



This preview shows how white text looks on a background with the YIQ color 133.1270, -28.6990, -14.0350.

-14.0350.

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

133.1270, -28.6990, -14.0350

Protanopia

139.7400, 3.6680, -0.3960

Deuteranopia

140.8100, 6.6470, 6.1910



Tritanopia

134.6140, -31.2680, -6.0200

Trichromacy



Original Color

133.1270, -28.6990, -14.0350

Protanomaly

137.2330, -8.2060, -5.4700

Deuteranomaly

137.6510, -6.3270, -0.9750

Tritanomaly

134.1040, -29.8920, -8.9320

Monochromacy



Original Color

133.1270, -28.6990, -14.0350

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9770, -10.3610, -4.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1270, -28.6990, -14.0350 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(97, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(97, 150, 141)  
}
```

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(97, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 150, 141) }
```

Border

The CSS property to change the border of an element to YIQ 133.1270, -28.6990, -14.0350 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(97, 150, 141) }
```


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

```
.border{ border-color:rgb(97, 150, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 150, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 150,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1270, -28.6990, -14.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 150, 141) }
```

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

```
.background{ background-color: rgb(97, 150,  
141) }
```

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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