

Converting Colors

YIQ(133.4900, -68.5450, 3.2550)

Have a look what the booklet for
YIQ(133.4900, -68.5450, 3.2550)
contains.

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Color

**YIQ(133.4900, -68.5450,
3.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	4696D7
RGB	70, 150, 215
RGB Percent	27%, 59%, 84%
CMY	0.7256, 0.4116, 0.1572
CMYK	0.67, 0.30, 0.00, 0.16
HSL	207°, 64%, 56%
HSV	207°, 67%, 84%
XYZ	25.6899, 28.0262, 68.2902
YIQ	133.4900, -68.5450, 3.2550

Conversions

Conversions Part 2

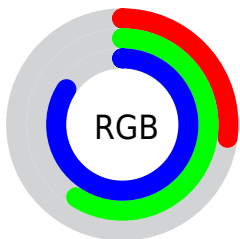
Format	Color
R_{YB}	70, 122, 215
Decimal	4626135
CIE _{Lab}	59.91, -3.93, -40.31
CIE _{LCh}	60, 40.505, 264.433
Yxy	28.0262, 0.2106, 0.2297
Android (android.graphics.Color)	4282816215 (0xFF4696D7)
YUV	133.4900, 40.1844, -55.6807
Hunter-Lab	52.9398, -6.0245, -39.4238

Details

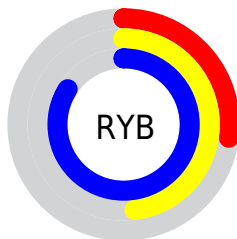
The YIQ color **133.4900, -68.5450, 3.2550** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **151.5100, 68.5450, -3.2550**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5850, -58.6870, 0.8090**, and **76.9400, -78.8600, -2.5400** is the 20% darker color. If you saturate the color by 10%, you get **121.0420, -78.9070, 3.8210**, and if you desaturate by 10%, it is **145.6390, -58.7790, 2.4770**.

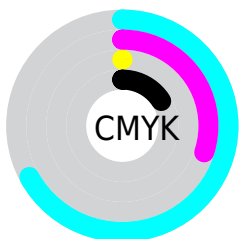
Distribution



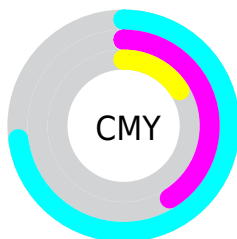
- Red (27%)
- Green (59%)
- Blue (84%)



- Red (27%)
- Yellow (48%)
- Blue (84%)



- Cyan (67%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4900, -68.5450, 3.2550 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 133.4900, -68.5450, 3.2550 by changing the saturation by 10% instead.

■ 133.4900,
-68.5450, 3.2550

■ 133.4900,
-68.5450, 3.2550

■ 255.0000, -0.0000,
-0.0000

■ 102.7770,
-76.8430, -0.5470

■ 188.2860,
-59.2830, 0.5970

■ 76.9400, -78.8600,
-2.5400

■ 213.6920,
-49.1030, -7.6870

■ 59.7740, -63.5930,
1.6150

■ 236.1630,
-37.5480, -13.3560

■ 44.0100, -49.5180,
5.3460

■ 245.1330,
-19.6680, -6.9960

■ 28.8330, -35.7180,
8.5540

■ 254.1030, -1.7880,
-0.6360

■ 10.3620, -20.9100,
15.5220

■ 5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 133.4900,
-68.5450, 3.2550

■ 133.4900,
-68.5450, 3.2550

■ 121.0420,
-78.9070, 3.8210

■ 145.6390,
-58.7790, 2.4770

■ 109.4800,
-88.9480, 4.0760

■ 157.5000,
-48.1420, 2.4340

■ 97.0320, -99.3100,
4.6420

■ 169.6490,
-38.3760, 1.6560

■ 94.3630,
-101.7400, 4.6280

■ 182.0970,
-28.0140, 1.0900

■ 193.6590,
-17.9730, 0.8350

■ 206.1070, -7.6110,
0.2690

■ 217.6690, 2.4300,
0.0140

■ 230.1170, 12.7920,
-0.5520

■ 239.8740, 17.7900,
-3.0260

Harmonies

Analogous

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



115.6600, -107.9710, -20.1230



133.4900, -68.5450, 3.2550



145.7950, -23.3870, 21.8690

Triad

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



133.4900, -68.5450, 3.2550



145.4050, 56.6200, 20.1400



132.9530, -20.1220, -31.8180

Complementary

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



133.4900, -68.5450, 3.2550



151.5100, 68.5450, -3.2550

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.



138.3780, 15.4100, -25.9820



133.4900, -68.5450, 3.2550



143.9680, 55.7520, 2.8240

Square

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



133.4900, -68.5450, 3.2550



147.4270, 42.3590, 30.7990



141.8160, 40.9000, -14.3640



119.2690, -70.9220, -36.2820

Rectangle

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



133.4900, -68.5450, 3.2550



148.3100, 3.2040, 30.0520



141.8160, 40.9000, -14.3640



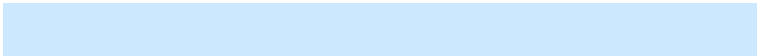
135.5370, -7.1470, -30.1790

Sweetspot

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



133.4900, -68.5450, 3.2550



226.2500, -24.0710, 1.2170



162.2970, -60.0980, -56.2420



110.5130, -14.6260, 0.7500



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



133.4900, -68.5450, 3.2550



139.1030, -98.0720, 4.2320



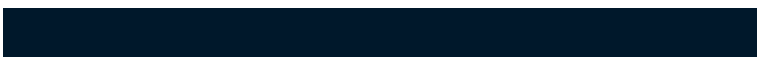
92.4000, -49.2950, 39.8650



100.7760, -5.1810, 0.2830



74.6720, -80.7410, 4.0190



18.9900, -20.4030, 0.8210

Inverse Universe

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



122.4750, 60.7400, 55.6200



123.0030, 86.4570, 79.6490



192.6000, 49.2950, -39.8650



99.9730, 4.6300, 4.1980



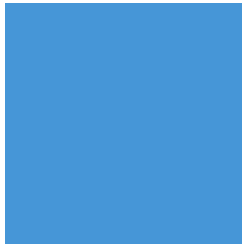
61.8450, 71.7420, 65.4860



15.5930, 17.9240, 16.5800

Previews

White Background



This preview shows how the YIQ color 133.4900, -68.5450, 3.2550 looks on a white background.

Color Contrast Check

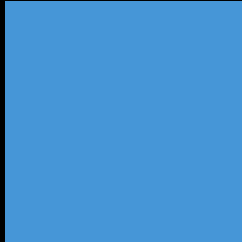
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4900, -68.5450, 3.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

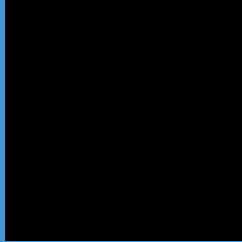
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4900, -68.5450, 3.2550

Background



This preview shows how black text looks on a background with the YIQ color 133.4900, -68.5450, 3.2550.



This preview shows how white text looks on a background with the YIQ color 133.4900, -68.5450,

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

133.4900, -68.5450, 3.2550

Protanopia

142.9570, -32.8310, 16.8090

Deuteranopia

141.2700, -44.0180, 15.8060



Tritanopia

124.7980, -73.3090, -20.5490

Trichromacy



Original Color

133.4900, -68.5450, 3.2550

Protanomaly

139.3790, -45.9430, 12.1450

Deuteranomaly

138.7310, -52.8660, 10.9580

Tritanomaly

127.8510, -71.6600, -11.8840

Monochromacy



Original Color

133.4900, -68.5450, 3.2550

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0650, -24.9880, 1.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4900, -68.5450, 3.2550 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(70, 150, 215)` looks like.

```
.text, #text, p{  
    color:rgb(70, 150, 215)  
}
```

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(70, 150, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 150, 215) }
```

Border

The CSS property to change the border of an element to YIQ 133.4900, -68.5450, 3.2550 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(70, 150, 215) }
```


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

```
.border{ border-color:rgb(70, 150, 215) }
```

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

Here you see how a box with a 4 pixel rgb(70, 150, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 150, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 150, 215);  
box-shadow:4px 4px 4px 4px rgb(70, 150,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4900, -68.5450, 3.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 150, 215) }
```

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

```
.background{ background-color: rgb(70, 150,  
215) }
```

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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