

Converting Colors

YIQ(199.6950, -35.9900,
-8.5500)

Have a look what the booklet for
YIQ(199.6950, -35.9900, -8.5500)
contains.

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Color

**YIQ(199.6950, -35.9900,
-8.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D7E1
RGB	160, 215, 225
RGB Percent	63%, 84%, 88%
CMY	0.3727, 0.1568, 0.1178
CMYK	0.29, 0.04, 0.00, 0.12
HSL	189°, 52%, 75%
HSV	189°, 29%, 88%
XYZ	52.3826, 61.5171, 80.3198
YIQ	199.6950, -35.9900, -8.5500

Conversions

Conversions Part 2

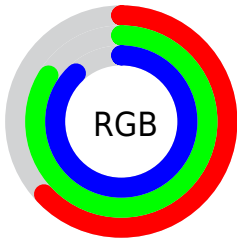
Format	Color
R _Y B	160, 190, 225
Decimal	10541025
CIE Lab	82.66, -15.30, -10.61
CIE LCh	83, 18.623, 214.747
Yxy	61.5171, 0.2697, 0.3167
Android (android.graphics.Color)	4288731105 (0xFFA0D7E1)
YUV	199.6950, 12.4754, -34.8125
Hunter-Lab	78.4329, -18.0436, -5.8134

Details

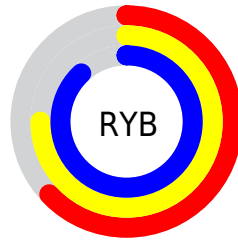
The YIQ color **199.6950, -35.9900, -8.5500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185.3050, 35.9900, 8.5500**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **144.9940, -35.3940, -8.3380** is the 20% darker color. If you saturate the color by 10%, you get **191.0570, -48.8730, -11.8570**, and if you desaturate by 10%, it is **208.0340, -23.7030, -5.4550**.

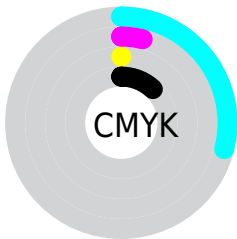
Distribution



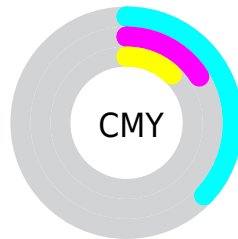
- Red (63%)
- Green (84%)
- Blue (88%)



- Red (63%)
- Yellow (75%)
- Blue (88%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (37%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.6950, -35.9900, -8.5500 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 199.6950, -35.9900, -8.5500 by changing the saturation by 10% instead.

■ 199.6950,
-35.9900, -8.5500

■ 199.6950,
-35.9900, -8.5500

■ 255.0000, -0.0000,
-0.0000

■ 171.9940,
-35.3940, -8.3380

■ 243.3390,
-23.2440, -8.2680

■ 144.9940,
-35.3940, -8.3380

■ 252.0100, -5.9600,
-2.1200

■ 118.8800,
-35.0730, -8.6490

■ 93.5810, -35.6690,
-8.8610

■ 67.6840, -37.4570,
-9.4970

■ 43.6730, -38.9240,
-10.4440

■ 28.2510, -25.8120,

-5.7800

■ 13.6440, -13.6170,
-1.0170

■ 0.0000, 0.0000,
0.0000

■ 199.6950,
-35.9900, -8.5500

■ 199.6950,
-35.9900, -8.5500

■ 191.0570,
-48.8730, -11.8570

■ 208.0340,
-23.7030, -5.4550

■ 182.1310,
-60.8850, -14.4290

■ 217.2590,
-11.0950, -2.6710

■ 173.4930,
-73.7680, -17.7360

■ 225.5980, 1.1920,
0.4240

■ 164.5670,
-85.7800, -20.3080

■ 234.8230, 13.8000,
3.2080

■ 155.9290,
-98.6630, -23.6150

■ 238.0790, 15.9550,
2.6990

■ 147.0030,
-110.6750, -26.1870

■ 240.4270, 14.8550,
0.6070

■ 138.3650,
-123.5580, -29.4940

■ 242.1880, 14.0300,
-0.9620

■ 137.7670,
-124.7500, -29.9180

■ 244.5360, 12.9300,
-3.0540

■ 246.2970, 12.1050,
-4.6230

Harmonies

Analogous

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



199.2410, -29.0200, -13.7240



199.6950, -35.9900, -8.5500



202.2920, -33.0570, -1.1290

Triad

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



199.6950, -35.9900, -8.5500



209.3150, 12.8350, 15.1950



204.7120, 18.0660, -8.0300

Complementary

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



199.6950, -35.9900, -8.5500



185.3050, 35.9900, 8.5500

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.



207.0170, 27.6930, -0.7790



199.6950, -35.9900, -8.5500



209.0790, 25.1230, 12.7630

Square

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



199.6950, -35.9900, -8.5500



207.7630, -3.1660, 13.3300



208.1410, 30.5800, 7.4760



202.9380, 2.5700, -13.5420

Rectangle

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



199.6950, -35.9900, -8.5500



204.1730, -25.1720, 4.6520



208.1410, 30.5800, 7.4760



205.3320, 22.1920, -5.7120

Sweetspot

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



199.6950, -35.9900, -8.5500



245.7750, -12.6080, -2.7840



199.2950, -21.0850, -30.8850



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



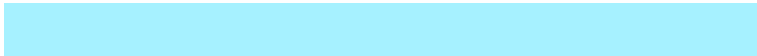
128.0000, -0.0000, -0.0000

Same Dimension

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



199.6950, -35.9900, -8.5500



220.1710, -49.1940, -11.5460



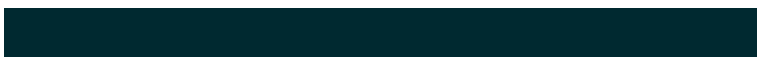
180.9110, -27.1900, 8.1860



107.5370, -6.0060, -1.2860



107.5270, -97.4710, -23.1910



29.5390, -26.6830, -6.5150

Inverse Universe

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



185.7050, 21.0850, 30.8850



201.1610, 28.9690, 42.1930



204.0890, 27.1900, -8.1860



105.3150, 3.6670, 5.1310



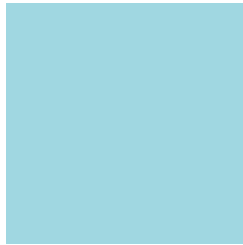
69.6100, 57.0670, 83.6510



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 199.6950, -35.9900, -8.5500 looks on a white background.

Color Contrast Check

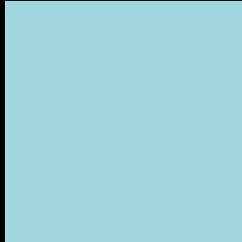
Large Text (above 18pt) WCAG AA × Fail

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 199.6950, -35.9900, -8.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

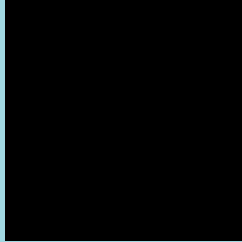
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.6950, -35.9900, -8.5500

Background



This preview shows how black text looks on a background with the YIQ color 199.6950, -35.9900, -8.5500.



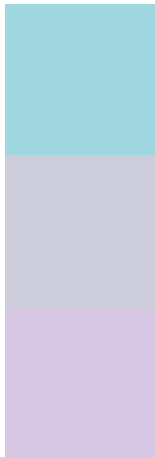
This preview shows how white text looks on a background with the YIQ color 199.6950, -35.9900, -8.5500.

-8.5500.

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

199.6950, -35.9900, -8.5500

Protanopia

205.8950, -3.8980, 4.5660

Deuteranopia

207.3780, -0.6440, 11.6760



Tritanopia

200.0910, -37.0450, -5.9490

Trichromacy



Original Color

199.6950, -35.9900, -8.5500

Protanomaly

203.8010, -15.4970, 0.0150

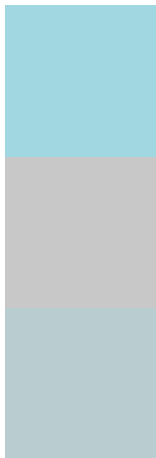
Deuteranomaly

204.2190, -13.6180, 4.5100

Tritanomaly

199.8630, -36.4030, -6.5710

Monochromacy



Original Color

199.6950, -35.9900, -8.5500

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.4760, -13.2040, -2.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.6950, -35.9900, -8.5500 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(160, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(160, 215, 225)  
}
```

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(160, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 215, 225) }
```

Border

The CSS property to change the border of an element to YIQ 199.6950, -35.9900, -8.5500 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(160, 215, 225) }
```


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

```
.border{ border-color:rgb(160, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(160, 215,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 199.6950, -35.9900, -8.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 215, 225) }
```

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

```
.background{ background-color: rgb(160,  
215, 225) }
```

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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