

Converting Colors

YIQ(195.9000, -30.9390,
-50.5470)

Have a look what the booklet for
YIQ(195.9000, -30.9390, -50.5470)
contains.

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Color

**YIQ(195.9000, -30.9390,
-50.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	87ED90
RGB	135, 237, 144
RGB Percent	53%, 93%, 56%
CMY	0.4709, 0.0704, 0.4353
CMYK	0.43, 0.00, 0.39, 0.07
HSL	125°, 74%, 73%
HSV	125°, 43%, 93%
XYZ	45.3089, 67.7508, 37.0696
YIQ	195.9000, -30.9390, -50.5470

Conversions

Conversions Part 2

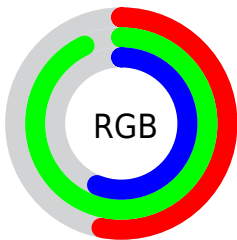
Format	Color
RYB	135, 229, 237
Decimal	8908176
CIELab	85.88, -48.56, 36.01
CIElCh	86, 60.450, 143.443
Yxy	67.7508, 0.3018, 0.4513
Android (android.graphics.Color)	4287098256 (0xFF87ED90)
YUV	195.9000, -25.5867, -53.4093
Hunter-Lab	82.3109, -45.7868, 30.9158

Details

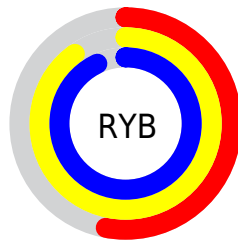
The YIQ color **195.9000, -30.9390, -50.5470** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **176.1000, 30.9390, 50.5470**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7790, -19.5720, -30.7720**, and **139.4700, -32.5440, -48.9920** is the 20% darker color. If you saturate the color by 10%, you get **186.2160, -38.1810, -62.4770**, and if you desaturate by 10%, it is **205.5840, -23.6970, -38.6170**.

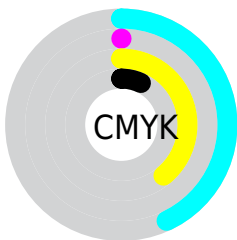
Distribution



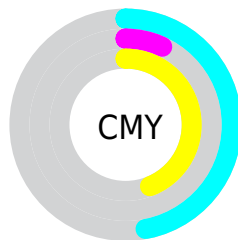
- Red (53%)
- Green (93%)
- Blue (56%)



- Red (53%)
- Yellow (90%)
- Blue (93%)



- Cyan (43%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (47%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9000, -30.9390, -50.5470 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 195.9000, -30.9390, -50.5470 by changing the saturation by 10% instead.

■ 195.9000,
-30.9390, -50.5470

■ 195.9000,
-30.9390, -50.5470

■ 255.0000, -0.0000,
-0.0000

■ 167.2420,
-31.9020, -49.6140

■ 229.7790,
-19.5720, -30.7720

■ 139.4700,
-32.5440, -48.9920

■ 241.9410,
-10.6800, -15.7040

■ 111.2030,
-36.1660, -49.4300

■ 253.8040, -2.3840,
-0.8480

■ 78.8640, -48.4530,
-52.5250

■ 61.3390, -33.5530,
-47.2250

■ 44.6120, -20.9000,
-39.7480

■ 30.5240, -14.3000,

-27.1960

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 195.9000,
-30.9390, -50.5470

■ 195.9000,
-30.9390, -50.5470

■ 186.2160,
-38.1810, -62.4770

■ 205.5840,
-23.6970, -38.6170

■ 176.9450,
-45.1480, -73.8840

■ 214.8550,
-16.7300, -27.2100

■ 167.2610,
-52.3900, -85.8140

■ 224.5390, -9.4880,
-15.2800

■ 157.6910,
-59.9530, -97.4330

■ 234.1090, -1.9250,
-3.6610

■ 148.0070,
-67.1950, -109.3630

■ 243.4940, 4.7210,
8.0570

■ 141.5130,
-71.9160, -117.4200

■ 244.4340, 4.9500,
9.4140

Harmonies

Analogous

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



205.0410, 26.0040, -41.7720



195.9000, -30.9390, -50.5470



165.4410, -131.0250, -64.8890

Triad

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



195.9000, -30.9390, -50.5470



181.7760, -102.6060, -23.7420



195.0560, 50.2930, 19.1650

Complementary

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



195.9000, -30.9390, -50.5470



176.1000, 30.9390, 50.5470

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.



200.4940, 32.2250, 38.2490



195.9000, -30.9390, -50.5470



208.9060, -19.6260, 14.2780

Square

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



195.9000, -30.9390, -50.5470



168.7760, -147.3050, -45.1690



212.1490, 20.0750, 38.1790



199.5630, 61.0260, -4.6540

Rectangle

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



195.9000, -30.9390, -50.5470



170.5880, -144.1400, -52.9720



212.1490, 20.0750, 38.1790



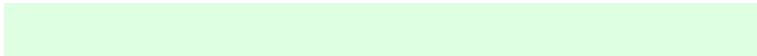
196.0480, 44.7440, 26.1200

Sweetspot

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



195.9000, -30.9390, -50.5470



241.7130, -10.0380, -16.3260



222.9800, 27.9740, -33.4180



119.5550, -6.4170, -10.3610



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.



195.9000, -30.9390, -50.5470



201.4390, -40.4270, -65.8270



201.6000, -46.9890, -34.9970



112.5710, -3.3460, -5.4420



108.0710, -54.9110, -89.6870



32.2680, -16.4550, -26.6870

Inverse Universe

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



176.1000, 30.9390, 50.5470



175.5610, 40.4270, 65.8270



170.2860, 47.3100, 34.6860



110.4290, 3.3460, 5.4420



72.9290, 54.9110, 89.6870



21.7320, 16.4550, 26.6870

Previews

White Background



This preview shows how the YIQ color 195.9000, -30.9390, -50.5470 looks on a white background.

Color Contrast Check

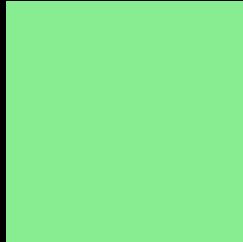
Large Text (above 18pt) WCAG AA × Fail

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 195.9000, -30.9390, -50.5470 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 195.9000, -30.9390, -50.5470 Background



This preview shows how black text looks on a background with the YIQ color 195.9000, -30.9390, -50.5470.



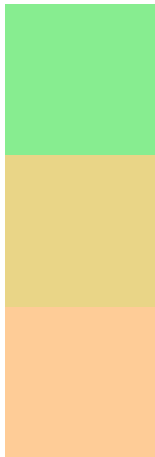
This preview shows how white text looks on a background with the YIQ color 195.9000, -30.9390, -50.5470.

-50.5470.

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

195.9000, -30.9390, -50.5470

Protanopia

210.0880, 36.9580, -20.0180

Deuteranopia

212.9080, 46.8130, -5.8830



Tritanopia

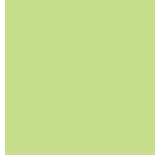
206.4210, -46.9020, -9.0300

Trichromacy



Original Color

195.9000, -30.9390, -50.5470



Protanomaly

204.9490, 12.0640, -31.4240



Deuteranomaly

206.7530, 18.8480, -22.2080



Tritanomaly

202.2730, -41.2140, -24.0140

Monochromacy



Original Color

195.9000, -30.9390, -50.5470



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0610, -11.1380, -18.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9000, -30.9390, -50.5470 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(135, 237, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 237, 144)  
}
```

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(135, 237, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 237, 144) }
```

Border

The CSS property to change the border of an element to YIQ 195.9000, -30.9390, -50.5470 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(135, 237, 144) }
```


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

```
.border{ border-color:rgb(135, 237, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 237, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 237, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 237, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 237,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9000, -30.9390, -50.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 237, 144) }
```

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

```
.background{ background-color: rgb(135,  
237, 144) }
```

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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