

Converting Colors

YIQ(196.0550, -21.3100,
-54.3500)

Have a look what the booklet for
YIQ(196.0550, -21.3100, -54.3500)
contains.

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Color

**YIQ(196.0550, -21.3100,
-54.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	8EED7F
RGB	142, 237, 127
RGB Percent	56%, 93%, 50%
CMY	0.4434, 0.0704, 0.5019
CMYK	0.40, 0.00, 0.46, 0.07
HSL	112°, 75%, 71%
HSV	112°, 46%, 93%
XYZ	45.2689, 67.8678, 30.7926
YIQ	196.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

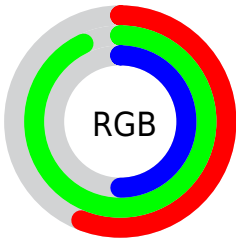
Format	Color
RYB	127, 237, 222
Decimal	9366911
CIELab	85.94, -48.93, 44.48
CIElCh	86, 66.123, 137.724
Yxy	67.8678, 0.3145, 0.4715
Android (android.graphics.Color)	4287556991 (0xFF8EED7F)
YUV	196.0550, -34.0441, -47.4062
Hunter-Lab	82.3819, -46.0825, 35.5060

Details

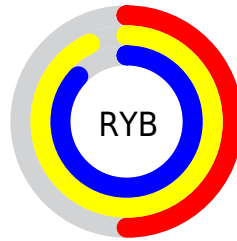
The YIQ color **196.0550, -21.3100, -54.3500** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **167.9450, 21.3100, 54.3500**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.1190, -9.0260, -34.6740**, and **139.6250, -22.9150, -52.7950** is the 20% darker color. If you saturate the color by 10%, you get **187.0400, -26.1220, -66.2660**, and if you desaturate by 10%, it is **204.7710, -17.0940, -42.6460**.

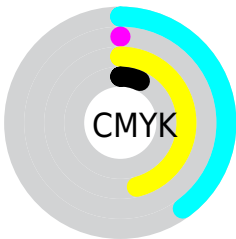
Distribution



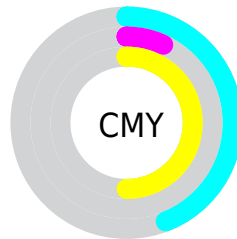
- Red (56%)
- Green (93%)
- Blue (50%)



- Red (50%)
- Yellow (93%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.0550, -21.3100, -54.3500 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 196.0550, -21.3100, -54.3500 by changing the saturation by 10% instead.

■ 196.0550,
-21.3100, -54.3500

■ 196.0550,
-21.3100, -54.3500

■ 255.0000, -0.0000,
-0.0000

■ 167.6960,
-21.6770, -53.2050

■ 229.8200, -9.6220,
-34.8860

■ 139.6250,
-22.9150, -52.7950

■ 241.9820, -0.7300,
-19.8180

■ 111.9560,
-25.3450, -52.8090

■ 253.0620, 5.4570,
-5.2870

■ 81.8410, -32.4510,
-56.1870

■ 59.2870, -27.7750,
-52.8230

■ 44.6120, -20.9000,
-39.7480

■ 30.5240, -14.3000,

-27.1960

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 196.0550,
-21.3100, -54.3500

■ 196.0550,
-21.3100, -54.3500

■ 187.0400,
-26.1220, -66.2660

■ 204.7710,
-17.0940, -42.6460

■ 178.4380,
-30.6590, -77.6590

■ 213.6720,
-11.9610, -31.0410

■ 169.4230,
-35.4710, -89.5750

■ 222.3880, -7.7450,
-19.3370

■ 160.7070,
-39.6870, -101.2790

■ 231.4030, -2.9330,
-7.4210

■ 151.6920,
-44.4990, -113.1950

■ 240.1190, 1.2830,
4.2830

■ 148.6870,
-46.1030, -117.1670

■ 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.



205.0330, 37.6500, -43.5820



196.0550, -21.3100, -54.3500



165.0190, -127.0810, -70.2890

Triad

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



196.0550, -21.3100, -54.3500



163.4930, -144.8300, -40.4620



191.8590, 49.6500, 25.3140

Complementary

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



196.0550, -21.3100, -54.3500



167.9450, 21.3100, 54.3500

Split Complementary

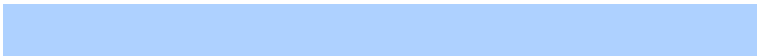
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.6280, 29.1520, 44.3840



196.0550, -21.3100, -54.3500



203.7790, -35.6260, 6.8860

Square

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



196.0550, -21.3100, -54.3500



170.5370, -148.1300, -46.7380



212.7360, 19.8000, 37.6560



195.4540, 62.9510, -0.9930

Rectangle

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



196.0550, -21.3100, -54.3500



170.6220, -141.4800, -57.1280



212.7360, 19.8000, 37.6560



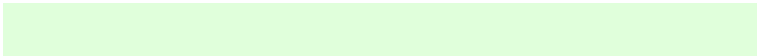
193.0790, 43.4590, 32.8910

Sweetspot

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



196.0550, -21.3100, -54.3500



241.6270, -6.9200, -17.7680



215.0680, 39.7100, -25.8420



119.8110, -4.2620, -10.8700



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.



196.0550, -21.3100, -54.3500



201.9210, -27.4050, -70.5490



196.0160, -42.7690, -45.4010



112.7560, -2.4290, -5.5410



113.7220, -34.8750, -89.3630



33.7910, -10.6780, -26.7580

Inverse Universe

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



167.9450, 21.3100, 54.3500



165.3780, 28.0010, 70.7610



168.0980, 42.4480, 45.7120



110.2440, 2.4290, 5.5410



67.2780, 34.8750, 89.3630



19.9100, 10.0820, 26.5460

Previews

White Background



This preview shows how the YIQ color 196.0550, -21.3100, -54.3500 looks on a white background.

Color Contrast Check

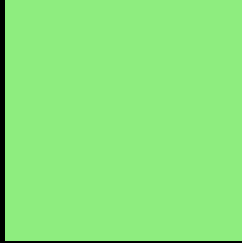
Large Text (above 18pt) WCAG AA × Fail

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 196.0550, -21.3100, -54.3500 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 196.0550, -21.3100, -54.3500 Background



This preview shows how black text looks on a background with the YIQ color 196.0550, -21.3100, -54.3500.



This preview shows how white text looks on a background with the YIQ color 196.0550, -21.3100, -54.3500.

-54.3500.

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

196.0550, -21.3100, -54.3500

Protanopia

209.4490, 43.0110, -25.0930

Deuteranopia

212.7680, 50.0230, -8.9930



Tritanopia

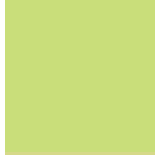
207.8130, -42.1340, -7.3340

Trichromacy



Original Color

196.0550, -21.3100, -54.3500



Protanomaly

204.3210, 19.5840, -35.5520



Deuteranomaly

206.9830, 23.8920, -25.5160



Tritanomaly

203.5680, -34.7950, -24.7070

Monochromacy



Original Color

196.0550, -21.3100, -54.3500



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.9750, -8.0200, -19.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.0550, -21.3100, -54.3500 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(142, 237, 127)` looks like.

```
.text, #text, p{  
    color:rgb(142, 237, 127)  
}
```

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(142, 237, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 237, 127) }
```

Border

The CSS property to change the border of an element to YIQ 196.0550, -21.3100, -54.3500 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(142, 237, 127) }
```


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

```
.border{ border-color:rgb(142, 237, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 237, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 237, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 237, 127);  
box-shadow:4px 4px 4px 4px rgb(142, 237,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 196.0550, -21.3100, -54.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 237, 127) }
```

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

```
.background{ background-color: rgb(142,  
237, 127) }
```

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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