

Converting Colors

YIQ(197.5000, -6.8660,
-62.8180)

Have a look what the booklet for
YIQ(197.5000, -6.8660, -62.8180)
contains.

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Color

**YIQ(197.5000, -6.8660,
-62.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	98F062
RGB	152, 240, 98
RGB Percent	60%, 94%, 38%
CMY	0.4042, 0.0587, 0.6156
CMYK	0.37, 0.00, 0.59, 0.06
HSL	97°, 83%, 66%
HSV	97°, 59%, 94%
XYZ	46.3112, 69.8921, 22.6102
YIQ	197.5000, -6.8660, -62.8180

Conversions

Conversions Part 2

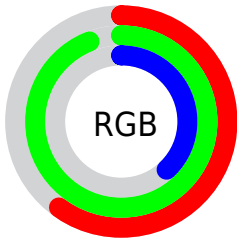
Format	Color
RYB	98, 240, 186
Decimal	10023010
CIELab	86.94, -50.28, 59.06
CIElCh	87, 77.558, 130.410
Yxy	69.8921, 0.3336, 0.5035
Android (android.graphics.Color)	4288213090 (0xFF98F062)
YUV	197.5000, -49.0535, -39.9035
Hunter-Lab	83.6015, -47.4222, 42.4859

Details

The YIQ color **197.5000, -6.8660, -62.8180** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **140.5000, 6.8660, 62.8180**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9170, 5.9220, -41.2620**, and **140.3150, -7.7830, -62.7190** is the 20% darker color. If you saturate the color by 10%, you get **190.2790, -8.1020, -73.4620**, and if you desaturate by 10%, it is **204.7210, -5.6300, -52.1740**.

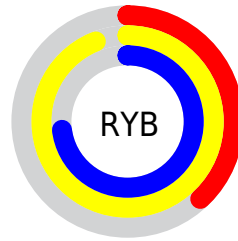
Distribution



Red (60%)

Green (94%)

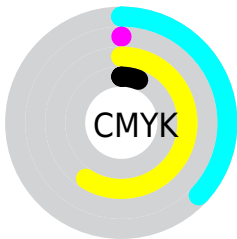
Blue (38%)



Red (38%)

Yellow (94%)

Blue (73%)

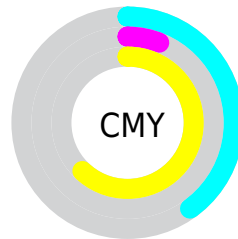


Cyan (37%)

Magenta (0%)

Yellow (59%)

Black (6%)



Cyan (40%)

Magenta (6%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.5000, -6.8660, -62.8180 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 197.5000, -6.8660, -62.8180 by changing the saturation by 10% instead.

■ 197.5000, -6.8660,
-62.8180

■ 197.5000, -6.8660,
-62.8180

■ 255.0000, -0.0000,
-0.0000

■ 168.7280, -7.5080,
-62.1960

■ 229.9170, 5.9220,
-41.2620

■ 140.3150, -7.7830,
-62.7190

■ 242.0790, 14.8140,
-26.1940

■ 110.7080, -4.7560,
-68.0200

■ 249.8700, 14.4450,
-13.9950

■ 84.3940, -18.1910,
-61.3190

■ 253.1760, 5.1360,
-4.9760

■ 60.4610, -28.3250,
-53.8690

■ 45.7860, -21.4500,
-40.7940

■ 32.2850, -15.1250,

-28.7650

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 197.5000, -6.8660,
-62.8180

■ 197.5000, -6.8660,
-62.8180

■ 190.2790, -8.1020,
-73.4620

■ 204.7210, -5.6300,
-52.1740

■ 183.0580, -9.3380,
-84.1060

■ 211.9420, -4.3940,
-41.5300

■ 175.8370,
-10.5740, -94.7500

■ 219.1630, -3.1580,
-30.8860

■ 168.6160,
-11.8100, -105.3940

■ 226.0850, -2.5180,
-20.4540

■ 168.0890,
-11.7640, -106.2280

■ 233.3060, -1.2820,
-9.8100

■ 240.5270, -0.0460,
0.8340

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



206.0660, 59.2460, -49.5060



197.5000, -6.8660, -62.8180



165.6740, -122.0360, -79.1240

Triad

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



197.5000, -6.8660, -62.8180



169.3630, -147.5800, -45.6920



185.9380, 48.4100, 36.7780

Complementary

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



197.5000, -6.8660, -62.8180



140.5000, 6.8660, 62.8180

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.



198.0610, 26.6750, 50.7310



197.5000, -6.8660, -62.8180



191.7310, -71.2020, -9.1700

Square

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



197.5000, -6.8660, -62.8180



175.8200, -150.6050, -51.4450



215.0840, 18.7000, 35.5640



188.6380, 65.6090, 5.9050

Rectangle

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



197.5000, -6.8660, -62.8180



173.1350, -138.9110, -65.1430



215.0840, 18.7000, 35.5640



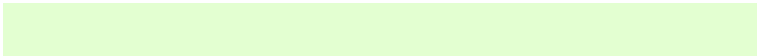
188.7880, 40.3850, 44.5530

Sweetspot

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



197.5000, -6.8660, -62.8180



241.3840, -1.9220, -20.2420



192.1140, 60.4320, -15.9200



119.3120, -1.4190, -12.8350



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.



197.5000, -6.8660, -62.8180



200.8780, -8.6510, -80.0350



183.2920, -44.5070, -68.9790



116.2400, -0.9160, -5.4280



128.9380, -8.8800, -81.3920



39.1510, -2.8840, -24.8360

Inverse Universe

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



140.5000, 6.8660, 62.8180



128.1220, 8.6510, 80.0350



154.7080, 44.5070, 68.9790



111.4610, 0.3200, 5.2160



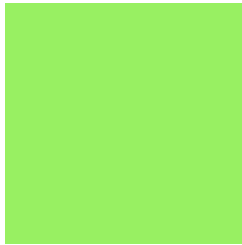
55.0620, 8.8800, 81.3920



16.8490, 2.8840, 24.8360

Previews

White Background



This preview shows how the YIQ color 197.5000, -6.8660, -62.8180 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 197.5000, -6.8660, -62.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

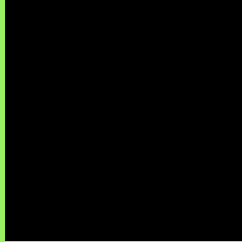
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.5000, -6.8660, -62.8180

Background



This preview shows how black text looks on a background with the YIQ color 197.5000, -6.8660, -62.8180.



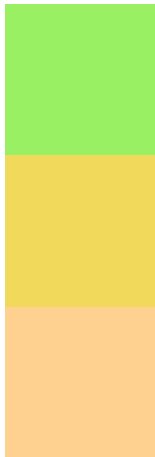
This preview shows how white text looks on a background with the YIQ color 197.5000, -6.8660,

-62.8180.

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

197.5000, -6.8660, -62.8180

Protanopia

209.8120, 54.7500, -34.0980

Deuteranopia

215.4580, 47.9600, -10.1520



Tritanopia

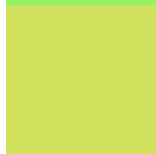
212.1020, -35.5780, -5.0020

Trichromacy



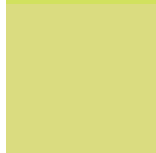
Original Color

197.5000, -6.8660, -62.8180



Protanomaly

205.2820, 32.5150, -44.1330



Deuteranomaly

208.9140, 28.3400, -29.0360



Tritanomaly

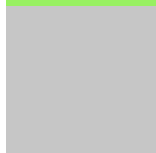
206.6030, -24.7080, -25.7960

Monochromacy



Original Color

197.5000, -6.8660, -62.8180



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.6180, -2.7010, -22.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5000, -6.8660, -62.8180 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(152, 240, 98)` looks like.

```
.text, #text, p{  
    color:rgb(152, 240, 98)  
}
```

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(152, 240, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 240, 98) }
```

Border

The CSS property to change the border of an element to YIQ 197.5000, -6.8660, -62.8180 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(152, 240, 98) }
```


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

```
.border{ border-color:rgb(152, 240, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 240, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 240, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 240, 98);  
box-shadow:4px 4px 4px 4px rgb(152, 240,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5000, -6.8660, -62.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 240, 98) }
```

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

```
.background{ background-color: rgb(152,  
240, 98) }
```

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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