

Converting Colors

YIQ(194.1340, -5.3550,
-51.6510)

Have a look what the booklet for
YIQ(194.1340, -5.3550, -51.6510)
contains.

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Color

**YIQ(194.1340, -5.3550,
-51.6510)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DE570 |
| RGB | 157, 229, 112 |
| RGB Percent | 62%, 90%, 44% |
| CMY | 0.3846, 0.1018, 0.5607 |
| CMYK | 0.31, 0.00, 0.51, 0.10 |
| HSL | 97°, 69%, 67% |
| HSV | 97°, 51%, 90% |
| XYZ | 44.8457, 64.3873, 25.3988 |
| YIQ | 194.1340, -5.3550, -51.6510 |

Conversions

Conversions Part 2

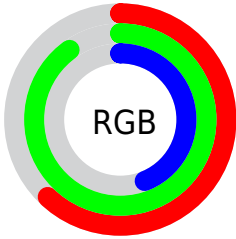
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 112, 229, 184 |
| Decimal | 10347888 |
| CIELab | 84.17, -42.50, 49.59 |
| CIElCh | 84, 65.309, 130.601 |
| Yxy | 64.3873, 0.3331, 0.4782 |
| Android (android.graphics.Color) | 4288537968 (0xFF9DE570) |
| YUV | 194.1340, -40.4921, -32.5665 |
| Hunter-Lab | 80.2417, -40.6624, 37.4022 |

Details

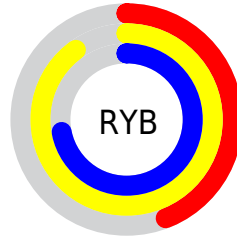
The YIQ color **194.1340, -5.3550, -51.6510** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **146.8660, 5.3550, 51.6510**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5950, 4.1330, -36.3710**, and **138.5900, -6.6390, -50.4070** is the 20% darker color. If you saturate the color by 10%, you get **187.3260, -6.3160, -61.7720**, and if you desaturate by 10%, it is **200.9420, -4.3940, -41.5300**.

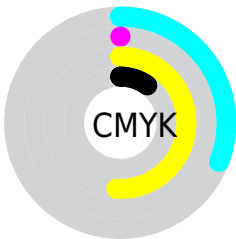
Distribution



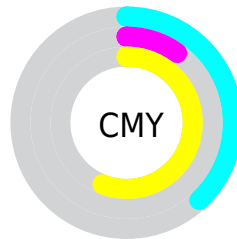
- Red (62%)
- Green (90%)
- Blue (44%)



- Red (44%)
- Yellow (90%)
- Blue (72%)



- Cyan (31%)
- Magenta (0%)
- Yellow (51%)
- Black (10%)



- Cyan (38%)
- Magenta (10%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1340, -5.3550, -51.6510 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 194.1340, -5.3550, -51.6510 by changing the saturation by 10% instead.

■ 194.1340, -5.3550,
-51.6510

■ 194.1340, -5.3550,
-51.6510

■ 255.0000, -0.0000,
-0.0000

■ 166.3620, -5.9970,
-51.0290

■ 232.5950, 4.1330,
-36.3710

■ 138.5900, -6.6390,
-50.4070

■ 244.7570, 13.0250,
-21.3030

■ 111.4760, -6.3180,
-50.7180

■ 251.3520, 10.2720,
-9.9520

■ 83.8950, -6.1800,
-53.2200

■ 254.6580, 0.9630,
-0.9330

■ 57.2600, -23.1450,
-48.6250

■ 41.0900, -19.2500,
-36.6100

■ 27.5890, -12.9250,

-24.5810

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 194.1340, -5.3550,
-51.6510

■ 194.1340, -5.3550,
-51.6510

■ 187.3260, -6.3160,
-61.7720

■ 200.9420, -4.3940,
-41.5300

■ 180.5180, -7.2770,
-71.8930

■ 207.7500, -3.4330,
-31.4090

■ 173.7100, -8.2380,
-82.0140

■ 214.5580, -2.4720,
-21.2880

■ 166.6030, -9.7950,
-92.3470

■ 221.3660, -1.5110,
-11.1670

■ 160.7350,
-10.5270, -101.1110

■ 228.1740, -0.5500,
-1.0460

■ 235.1670, 1.3280,
8.9760

■ 239.7380, 7.1500,
13.5980

Harmonies

Analogous

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



201.9420, 48.3320, -38.9320



194.1340, -5.3550, -51.6510



172.1990, -92.2370, -62.9970

Triad

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



194.1340, -5.3550, -51.6510



162.9060, -144.5550, -39.9390



189.4770, 48.0900, 31.5620

Complementary

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



194.1340, -5.3550, -51.6510



146.8660, 5.3550, 51.6510

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.



200.6540, 26.2630, 47.1830



194.1340, -5.3550, -51.6510



193.6130, -55.8900, -0.3220

Square

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



194.1340, -5.3550, -51.6510



168.7760, -147.3050, -45.1690



210.3220, 12.0980, 34.0660



190.6100, 62.8120, 7.0360

Rectangle

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



194.1340, -5.3550, -51.6510



164.7060, -133.0890, -60.5210



210.3220, 12.0980, 34.0660



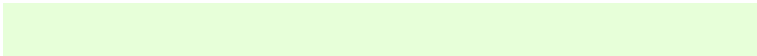
191.8710, 41.3490, 38.0930

Sweetspot

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



194.1340, -5.3550, -51.6510



243.4920, -2.1060, -16.9060



188.0730, 50.4820, -11.8060



120.8930, -1.5570, -10.3330



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.



194.1340, -5.3550, -51.6510



208.5120, -7.1400, -68.8680



182.0470, -36.0270, -57.4590



111.5390, -0.3200, -5.2160



125.7040, -8.1010, -78.9890



35.9170, -2.1050, -22.4330

Inverse Universe

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



146.8660, 5.3550, 51.6510



145.4880, 7.1400, 68.8680



158.9530, 36.0270, 57.4590



106.4610, 0.3200, 5.2160



53.2960, 8.1010, 78.9890



15.0830, 2.1050, 22.4330

Previews

White Background



This preview shows how the YIQ color 194.1340, -5.3550, -51.6510 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 194.1340, -5.3550, -51.6510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

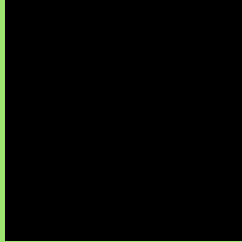
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.1340, -5.3550, -51.6510

Background



This preview shows how black text looks on a background with the YIQ color 194.1340, -5.3550, -51.6510.



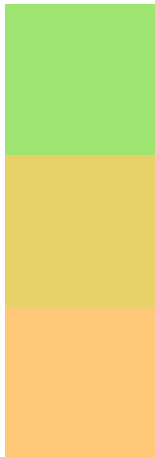
This preview shows how white text looks on a background with the YIQ color 194.1340, -5.3550,

-51.6510.

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

194.1340, -5.3550, -51.6510

Protanopia

203.7220, 46.4960, -27.6800

Deuteranopia

206.7380, 58.7350, -12.6970



Tritanopia

205.9780, -29.2970, -3.1930

Trichromacy



Original Color

194.1340, -5.3550, -51.6510



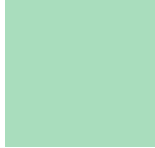
Protanomaly

200.1000, 27.5160, -36.1320



Deuteranomaly

202.0890, 35.2170, -27.0150



Tritanomaly

201.8040, -20.7200, -20.9760

Monochromacy



Original Color

194.1340, -5.3550, -51.6510



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.3240, -1.6930, -18.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1340, -5.3550, -51.6510 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(157, 229, 112)` looks like.

```
.text, #text, p{  
    color:rgb(157, 229, 112)  
}
```

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(157, 229, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 229, 112) }
```

Border

The CSS property to change the border of an element to YIQ 194.1340, -5.3550, -51.6510 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(157, 229, 112) }
```


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

```
.border{ border-color:rgb(157, 229, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 229, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 229, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 229, 112);  
box-shadow:4px 4px 4px 4px rgb(157, 229,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1340, -5.3550, -51.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 229, 112) }
```

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

```
.background{ background-color: rgb(157,  
229, 112) }
```

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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