

Converting Colors

YIQ(183.3750, 1.1560, -54.0120)

Have a look what the booklet for
YIQ(183.3750, 1.1560, -54.0120)
contains.

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Color

**YIQ(183.3750, 1.1560,
-54.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	97DA5A
RGB	151, 218, 90
RGB Percent	59%, 85%, 35%
CMY	0.4081, 0.1450, 0.6469
CMYK	0.31, 0.00, 0.59, 0.14
HSL	91°, 63%, 60%
HSV	91°, 59%, 86%
XYZ	39.6764, 57.4694, 18.6803
YIQ	183.3750, 1.1560, -54.0120

Conversions

Conversions Part 2

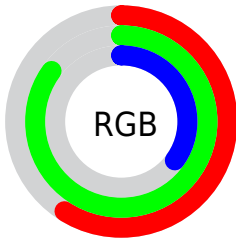
Format	Color
RYB	90, 218, 157
Decimal	9951834
CIELab	80.44, -42.02, 55.15
CIElCh	80, 69.334, 127.306
Yxy	57.4694, 0.3426, 0.4962
Android (android.graphics.Color)	4288141914 (0xFF97DA5A)
YUV	183.3750, -46.0339, -28.3929
Hunter-Lab	75.8085, -39.2423, 38.4561

Details

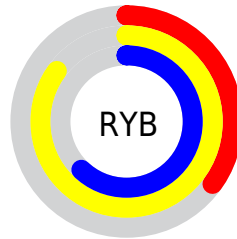
The YIQ color **183.3750, 1.1560, -54.0120** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **124.6250, -1.1560, 54.0120**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **228.2930, 7.6190, -44.4850**, and **128.0760, 0.5600, -54.2240** is the 20% darker color. If you saturate the color by 10%, you get **177.5780, 1.6620, -63.1860**, and if you desaturate by 10%, it is **189.1720, 0.6500, -44.8380**.

Distribution



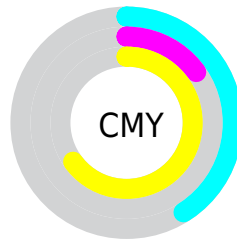
- Red (59%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (62%)



- Cyan (31%)
- Magenta (0%)
- Yellow (59%)
- Black (14%)



- Cyan (41%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.3750, 1.1560, -54.0120 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 183.3750, 1.1560, -54.0120 by changing the saturation by 10% instead.

■ 183.3750, 1.1560,
-54.0120

■ 183.3750, 1.1560,
-54.0120

■ 255.0000, -0.0000,
-0.0000

■ 155.4890, 0.8350,
-53.7010

■ 228.2930, 7.6190,
-44.4850

■ 128.0760, 0.5600,
-54.2240

■ 240.4550, 16.5110,
-29.4170

■ 99.8650, 2.5320,
-56.9240

■ 248.7300, 17.6550,
-17.1050

■ 75.6330, -8.1980,
-49.6860

■ 252.0360, 8.3460,
-8.0860

■ 49.8950, -23.3750,
-44.4550

■ 35.8070, -16.7750,
-31.9030

■ 23.4800, -11.0000,

-20.9200

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 183.3750, 1.1560,
-54.0120

■ 183.3750, 1.1560,
-54.0120

■ 177.5780, 1.6620,
-63.1860

■ 189.1720, 0.6500,
-44.8380

■ 171.4820, 1.5720,
-72.5720


■ 195.2680, 0.7400,
-35.4520

■ 165.7990, 1.7570,
-81.4350

■ 200.9510, 0.5550,
-26.5890


■ 159.7030, 1.6670,
-90.8210

■ 207.0470, 0.6450,
-17.2030


 159.0620, 2.0340,
-91.9660

 212.8440, 0.1390,
-8.0290

 218.9400, 0.2290,
1.3570

 224.7370, -0.2770,
10.5310

 229.3940, 2.4270,
16.5950

 232.9820, 9.5790,
19.1390

Harmonies

Analogous

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



190.6070, 56.5850, -39.8230



183.3750, 1.1560, -54.0120



154.7800, -101.5430, -70.5590

Triad

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



183.3750, 1.1560, -54.0120



158.2100, -142.3550, -35.7550



179.6290, 53.7740, 38.6860

Complementary

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



183.3750, 1.1560, -54.0120



124.6250, -1.1560, 54.0120

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.



192.9090, 30.1590, 53.6710



183.3750, 1.1560, -54.0120



176.6470, -79.5930, -5.7770

Square

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



183.3750, 1.1560, -54.0120



163.4930, -144.8300, -40.4620



199.3580, 3.2490, 34.7450



180.1920, 70.1010, 12.6050

Rectangle

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



183.3750, 1.1560, -54.0120



157.3710, -124.8360, -61.4120



199.3580, 3.2490, 34.7450



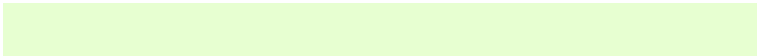
182.7240, 46.4370, 45.0050

Sweetspot

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



183.3750, 1.1560, -54.0120



242.5800, 0.4620, -19.3940



167.0140, 58.1380, -7.3820



120.2090, 0.3690, -12.1990



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.



183.3750, 1.1560, -54.0120



206.6020, 1.1140, -75.2860



165.3640, -35.8420, -66.3220



106.9520, -0.0450, -4.6930



126.3680, 1.8930, -72.8830



33.5800, 0.4620, -19.3940

Inverse Universe

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



124.6250, -1.1560, 54.0120



125.0990, -1.7100, 75.0740



142.6360, 35.8420, 66.3220



101.7490, -0.5510, 4.4810



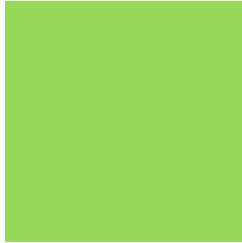
46.9310, -1.2970, 73.0950



12.4200, -0.4620, 19.3940

Previews

White Background



This preview shows how the YIQ color 183.3750, 1.1560, -54.0120 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 183.3750, 1.1560, -54.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

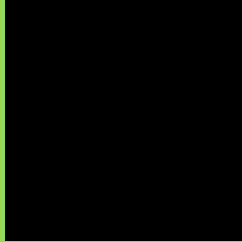
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.3750, 1.1560, -54.0120

Background



This preview shows how black text looks on a background with the YIQ color 183.3750, 1.1560, -54.0120.



This preview shows how white text looks on a background with the YIQ color 183.3750, 1.1560, -54.0120.

-54.0120.

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

183.3750, 1.1560, -54.0120

Protanopia

192.4680, 50.0270, -31.1010

Deuteranopia

195.3700, 62.5870, -16.4290



Tritanopia

196.3590, -25.9960, -2.4440

Trichromacy



Original Color

183.3750, 1.1560, -54.0120

Protanomaly

189.3300, 32.5600, -39.4400

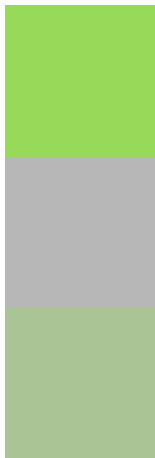
Deuteranomaly

191.3190, 40.2610, -30.3230

Tritanomaly

191.7290, -16.1350, -21.4710

Monochromacy



Original Color

183.3750, 1.1560, -54.0120

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.1670, 0.1870, -19.9170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.3750, 1.1560, -54.0120 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(151, 218, 90)` looks like.

```
.text, #text, p{  
    color:rgb(151, 218, 90)  
}
```

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(151, 218, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 218, 90) }
```

Border

The CSS property to change the border of an element to YIQ 183.3750, 1.1560, -54.0120 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(151, 218, 90) }
```


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

```
.border{ border-color:rgb(151, 218, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 218, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 218, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 218, 90);  
box-shadow:4px 4px 4px 4px rgb(151, 218,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 183.3750, 1.1560, -54.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 218, 90) }
```

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

```
.background{ background-color: rgb(151,  
218, 90) }
```

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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