

Converting Colors

YIQ(186.9800, 9.6380, -53.5460)

Have a look what the booklet for
YIQ(186.9800, 9.6380, -53.5460)
contains.

YIQ(186.9800, 9.6380, -53.5460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.9800, 9.6380,
-53.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DB55
RGB	163, 219, 85
RGB Percent	64%, 86%, 33%
CMY	0.3610, 0.1411, 0.6665
CMYK	0.26, 0.00, 0.61, 0.14
HSL	85°, 65%, 60%
HSV	85°, 61%, 86%
XYZ	42.0716, 59.1123, 17.7943
YIQ	186.9800, 9.6380, -53.5460

Conversions

Conversions Part 2

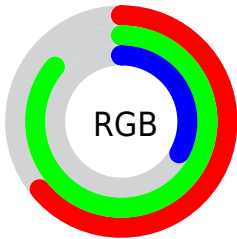
Format	Color
RYB	85, 219, 141
Decimal	10738517
CIELab	81.35, -38.57, 58.50
CIELCh	81, 70.075, 123.397
Yxy	59.1123, 0.3536, 0.4968
Android (android.graphics.Color)	4288928597 (0xFFA3DB55)
YUV	186.9800, -50.2761, -21.0305
Hunter-Lab	76.8845, -36.8717, 40.0970

Details

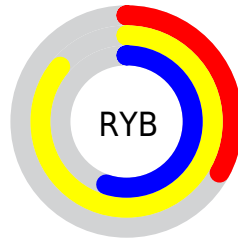
The YIQ color **186.9800, 9.6380, -53.5460** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **117.0200, -9.6380, 53.5460**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6100, 16.9720, -43.2840**, and **131.3390, 10.0050, -54.6910** is the 20% darker color. If you saturate the color by 10%, you get **181.7810, 11.3360, -62.2960**, and if you desaturate by 10%, it is **192.1790, 7.9400, -44.7960**.

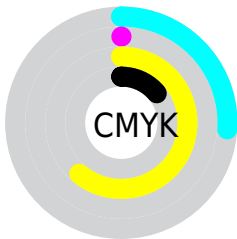
Distribution



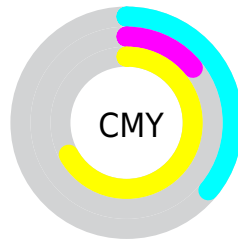
- Red (64%)
- Green (86%)
- Blue (33%)



- Red (33%)
- Yellow (86%)
- Blue (55%)



- Cyan (26%)
- Magenta (0%)
- Yellow (61%)
- Black (14%)



- Cyan (36%)
- Magenta (14%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.9800, 9.6380, -53.5460 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 186.9800, 9.6380, -53.5460 by changing the saturation by 10% instead.

186.9800, 9.6380,
-53.5460

186.9800, 9.6380,
-53.5460

255.0000, -0.0000,
-0.0000

159.0940, 9.3170,
-53.2350

231.6100, 16.9720,
-43.2840

131.3390, 10.0050,
-54.6910

243.4730, 25.2680,
-28.4280

104.3390, 10.0050,
-54.6910

248.1600, 19.2600,
-18.6600

80.4060, -0.1290,
-47.2410

251.4660, 9.9510,
-9.6410

57.0490, -12.0050,
-41.2610

254.8860, 0.3210,
-0.3110

36.9810, -17.3250,
-32.9490

24.0670, -11.2750,

-21.4430

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 186.9800, 9.6380,
-53.5460

■ 186.9800, 9.6380,
-53.5460

■ 181.7810, 11.3360,
-62.2960

■ 192.1790, 7.9400,
-44.7960

■ 176.5820, 13.0340,
-71.0460

■ 197.3780, 6.2420,
-36.0460


■ 171.0840, 14.1360,
-80.0080

■ 202.5770, 4.5440,
-27.2960


■ 166.5260, 15.4670,
-87.6130

■ 208.0750, 3.4420,
-18.3340

 213.2740, 1.7440,
-9.5840

 218.3590, 0.3670,
-1.1450

 223.5580, -1.3310,
7.6050

 228.1870, -1.4240,
14.8000

 230.8780, 3.9400,
16.7080

Harmonies

Analogous

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



193.5970, 62.5450, -37.7030



186.9800, 9.6380, -53.5460



167.8280, -75.1350, -64.5670

Triad

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



186.9800, 9.6380, -53.5460



160.5580, -143.4550, -37.8470



182.0570, 49.6930, 41.0610

Complementary

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



186.9800, 9.6380, -53.5460



117.0200, -9.6380, 53.5460

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.



196.3000, 27.5000, 52.3000



186.9800, 9.6380, -53.5460



170.3130, -99.4440, -14.9640

Square

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



186.9800, 9.6380, -53.5460



165.8410, -145.9300, -42.5540



199.8900, -4.3610, 29.4870



180.7450, 67.1660, 16.2380

Rectangle

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



186.9800, 9.6380, -53.5460



157.8610, -123.4600, -64.3240



199.8900, -4.3610, 29.4870



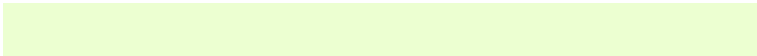
185.8530, 41.7600, 47.1680

Sweetspot

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



186.9800, 9.6380, -53.5460



244.0750, 3.4420, -18.3340



157.9380, 64.4640, -0.8800



121.1060, 2.1570, -11.5630



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.



186.9800, 9.6380, -53.5460



210.4740, 13.2180, -74.3820



166.9470, -30.2940, -67.7500



107.2510, 0.5510, -4.4810



131.7500, 12.6210, -69.0670



35.0750, 3.4420, -18.3340

Inverse Universe

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



117.0200, -9.6380, 53.5460



113.5260, -13.2180, 74.3820



137.0530, 30.2940, 67.7500



101.4500, -1.1470, 4.2690



41.5490, -12.0250, 69.2790



10.9250, -3.4420, 18.3340

Previews

White Background



This preview shows how the YIQ color 186.9800, 9.6380, -53.5460 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 186.9800, 9.6380, -53.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

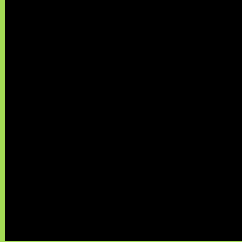
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.9800, 9.6380, -53.5460

Background



This preview shows how black text looks on a background with the YIQ color 186.9800, 9.6380, -53.5460.



This preview shows how white text looks on a background with the YIQ color 186.9800, 9.6380,

-53.5460.

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

186.9800, 9.6380, -53.5460

Protanopia

194.6700, 52.2740, -33.2780

Deuteranopia

197.7570, 65.7510, -18.7050



Tritanopia

199.7620, -19.7610, 0.1990

Trichromacy



Original Color

186.9800, 9.6380, -53.5460

Protanomaly

191.8420, 36.8700, -40.4580

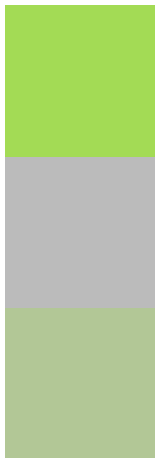
Deuteranomaly

194.0160, 45.4880, -31.4400

Tritanomaly

194.9040, -9.2580, -19.4500

Monochromacy



Original Color

186.9800, 9.6380, -53.5460

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1350, 3.2130, -19.6910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.9800, 9.6380, -53.5460 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(163, 219, 85)` looks like.

```
.text, #text, p{  
    color:rgb(163, 219, 85)  
}
```

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(163, 219, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 219, 85) }
```

Border

The CSS property to change the border of an element to YIQ 186.9800, 9.6380, -53.5460 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(163, 219, 85) }
```


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

```
.border{ border-color:rgb(163, 219, 85) }
```

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

Here you see how a box with a 4 pixel rgb(163, 219, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 219, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 219, 85);  
box-shadow:4px 4px 4px 4px rgb(163, 219,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 186.9800, 9.6380, -53.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 219, 85) }
```

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

```
.background{ background-color: rgb(163,  
219, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor