

Converting Colors

YIQ(193.8590, 2.6690, -53.8990)

Have a look what the booklet for
YIQ(193.8590, 2.6690, -53.8990)
contains.

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Color

**YIQ(193.8590, 2.6690,
-53.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E463
RGB	163, 228, 99
RGB Percent	64%, 89%, 39%
CMY	0.3610, 0.1058, 0.6116
CMYK	0.29, 0.00, 0.57, 0.11
HSL	90°, 71%, 64%
HSV	90°, 57%, 89%
XYZ	45.0963, 64.1832, 21.8232
YIQ	193.8590, 2.6690, -53.8990

Conversions

Conversions Part 2

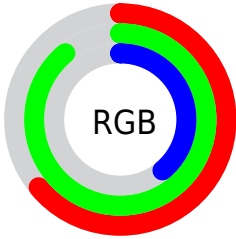
Format	Color
R_{YB}	99, 228, 164
Decimal	10740835
CIE _{Lab}	84.06, -41.32, 55.47
CIE _{LCh}	84, 69.174, 126.682
Yxy	64.1832, 0.3440, 0.4896
Android (android.graphics.Color)	4288930915 (0xFFA3E463)
YUV	193.8590, -46.7655, -27.0633
Hunter-Lab	80.1144, -39.7229, 39.9295

Details

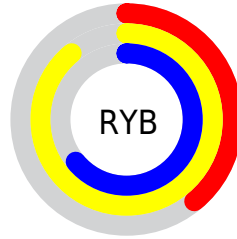
The YIQ color **193.8590, 2.6690, -53.8990** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **133.1410, -2.6690, 53.8990**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2060, 12.4780, -38.9300**, and **138.0870, 2.0270, -53.2770** is the 20% darker color. If you saturate the color by 10%, you get **187.6490, 2.9000, -63.5960**, and if you desaturate by 10%, it is **199.7700, 1.8420, -44.4140**.

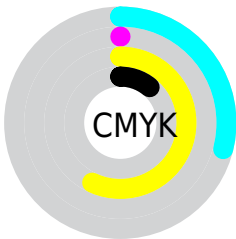
Distribution



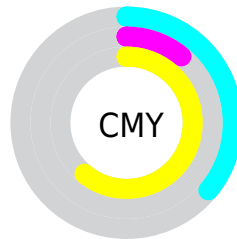
- Red (64%)
- Green (89%)
- Blue (39%)



- Red (39%)
- Yellow (89%)
- Blue (64%)



- Cyan (29%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.8590, 2.6690, -53.8990 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 193.8590, 2.6690, -53.8990 by changing the saturation by 10% instead.

193.8590, 2.6690,
-53.8990

193.8590, 2.6690,
-53.8990

255.0000, -0.0000,
-0.0000

165.9730, 2.3480,
-53.5880

233.2060, 12.4780,
-38.9300

138.0870, 2.0270,
-53.2770

245.0690, 20.7740,
-24.0740

109.7620, 4.3200,
-56.2880

249.8700, 14.4450,
-13.9950

85.1020, -2.3290,
-51.4250

253.1760, 5.1360,
-4.9760

60.5600, -15.1220,
-45.3460

41.0900, -19.2500,
-36.6100

27.5890, -12.9250,

-24.5810

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 193.8590, 2.6690,
-53.8990

■ 193.8590, 2.6690,
-53.8990

■ 187.6490, 2.9000,
-63.5960

■ 199.7700, 1.8420,
-44.4140

■ 181.7380, 3.7270,
-73.0810

■ 205.9800, 1.6110,
-34.7170


■ 175.6420, 3.6370,
-82.4670


■ 211.7770, 1.1050,
-25.5430

■ 169.7310, 4.4640,
-91.9520


■ 217.9870, 0.8740,
-15.8460

 167.6230, 4.6480,
-95.2880

 223.8980, 0.0470,
-6.3610

 230.1080, -0.1840,
3.3360

 235.5630, 0.2730,
11.5770

 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



201.3190, 57.4560, -39.0880



193.8590, 2.6690, -53.8990



172.3260, -85.4050, -65.6690

Triad

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



193.8590, 2.6690, -53.8990



164.0800, -145.1050, -40.9850



187.4540, 46.8970, 36.6650

Complementary

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



193.8590, 2.6690, -53.8990



133.1410, -2.6690, 53.8990

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.



199.8220, 25.8500, 49.1620



193.8590, 2.6690, -53.8990



185.8060, -75.7870, -8.6750

Square

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



193.8590, 2.6690, -53.8990



169.9500, -147.8550, -46.2150



207.6200, 5.2670, 31.2110



187.3160, 63.8200, 10.7960

Rectangle

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



193.8590, 2.6690, -53.8990



164.2670, -130.4750, -63.8430



207.6200, 5.2670, 31.2110



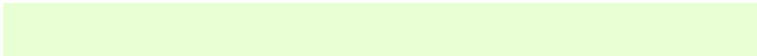
190.5490, 39.5600, 42.9840

Sweetspot

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



193.8590, 2.6690, -53.8990



243.5200, 0.6910, -18.0370



175.7260, 59.0090, -6.6470



121.1490, 0.5980, -10.8420



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.



193.8590, 2.6690, -53.8990



209.2650, 3.6810, -72.2470



174.7230, -35.4750, -67.4670



111.8380, 0.2760, -5.0040



131.3850, 3.2230, -74.9610



37.4120, 0.8750, -21.3730

Inverse Universe

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



133.1410, -2.6690, 53.8990



127.7350, -3.6810, 72.2470



152.2770, 35.4750, 67.4670



106.1620, -0.2760, 5.0040



47.3160, -3.8190, 74.7490



13.5880, -0.8750, 21.3730

Previews

White Background



This preview shows how the YIQ color 193.8590, 2.6690, -53.8990 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 193.8590, 2.6690, -53.8990 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 193.8590, 2.6690, -53.8990

Background



This preview shows how black text looks on a background with the YIQ color 193.8590, 2.6690, -53.8990.



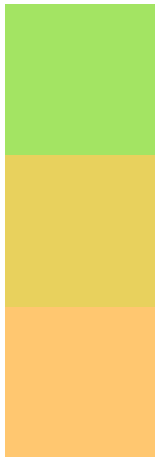
This preview shows how white text looks on a background with the YIQ color 193.8590, 2.6690, -53.8990.

-53.8990.

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

193.8590, 2.6690, -53.8990

Protanopia

202.6530, 50.9440, -31.2000

Deuteranopia

205.8260, 61.3030, -15.1850



Tritanopia

206.3700, -24.5290, -1.4970

Trichromacy



Original Color

193.8590, 2.6690, -53.8990

Protanomaly

199.5150, 33.4770, -39.5390

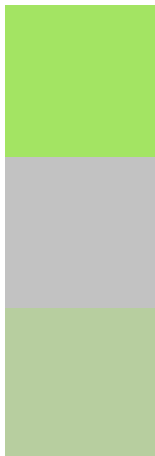
Deuteranomaly

201.8460, 40.2150, -29.4890

Tritanomaly

201.7400, -14.6680, -20.5240

Monochromacy



Original Color

193.8590, 2.6690, -53.8990

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.7650, 1.3790, -19.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.8590, 2.6690, -53.8990 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, 228, 99)` looks like.

```
.text, #text, p{  
    color:rgb(163, 228, 99)  
}
```

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, 228, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 228, 99) }
```

Border

The CSS property to change the border of an element to YIQ 193.8590, 2.6690, -53.8990 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, 228, 99) }
```


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

```
.border{ border-color:rgb(163, 228, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 228, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 228, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 228, 99);  
box-shadow:4px 4px 4px 4px rgb(163, 228,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 193.8590, 2.6690, -53.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 228, 99) }
```

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

```
.background{ background-color: rgb(163,  
228, 99) }
```

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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