

Converting Colors

YIQ(188.0570, 10.7390,
-56.9810)

Have a look what the booklet for
YIQ(188.0570, 10.7390, -56.9810)
contains.

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Color

**YIQ(188.0570, 10.7390,
-56.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DE4F
RGB	163, 222, 79
RGB Percent	64%, 87%, 31%
CMY	0.3610, 0.1293, 0.6900
CMYK	0.27, 0.00, 0.64, 0.13
HSL	85°, 68%, 59%
HSV	85°, 64%, 87%
XYZ	42.6328, 60.6010, 16.8548
YIQ	188.0570, 10.7390, -56.9810

Conversions

Conversions Part 2

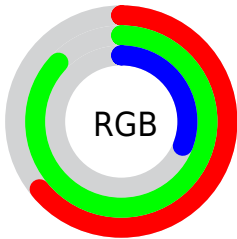
Format	Color
RYB	79, 222, 138
Decimal	10739279
CIELab	82.16, -40.38, 61.86
CIELCh	82, 73.873, 123.134
Yxy	60.6010, 0.3550, 0.5046
Android (android.graphics.Color)	4288929359 (0xFFA3DE4F)
YUV	188.0570, -53.7651, -21.9750
Hunter-Lab	77.8466, -38.4759, 41.6556

Details

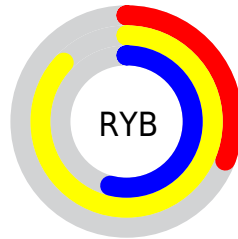
The YIQ color **188.0570, 10.7390, -56.9810** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **112.9430, -10.7390, 56.9810**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.0400, 18.5770, -44.8390**, and **131.0310, 13.6280, -59.7800** is the 20% darker color. If you saturate the color by 10%, you get **182.8580, 12.4370, -65.7310**, and if you desaturate by 10%, it is **193.2560, 9.0410, -48.2310**.

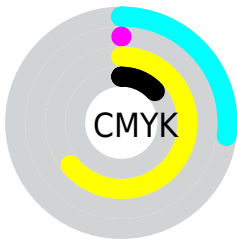
Distribution



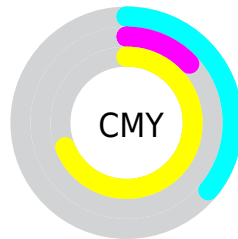
- Red (64%)
- Green (87%)
- Blue (31%)



- Red (31%)
- Yellow (87%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0570, 10.7390, -56.9810 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 188.0570, 10.7390, -56.9810 by changing the saturation by 10% instead.

188.0570, 10.7390,
-56.9810

188.0570, 10.7390,
-56.9810

255.0000, -0.0000,
-0.0000

159.9430, 11.0600,
-57.2920

231.0400, 18.5770,
-44.8390

131.6180, 13.3530,
-60.3030

243.2020, 27.4690,
-29.7710

105.8010, 8.5840,
-56.4720

247.5900, 20.8650,
-20.2150

81.8680, -1.5500,
-49.0220

250.8960, 11.5560,
-11.1960

57.0270, -14.9390,
-43.1550

254.2020, 2.2470,
-2.1770

38.1550, -17.8750,
-33.9950

25.2410, -11.8250,

-22.4890

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 188.0570, 10.7390,
-56.9810

■ 188.0570, 10.7390,
-56.9810

■ 182.8580, 12.4370,
-65.7310

■ 193.2560, 9.0410,
-48.2310

■ 177.6590, 14.1350,
-74.4810

■ 198.4550, 7.3430,
-39.4810

■ 172.0470, 15.5580,
-83.7540

■ 203.7680, 5.3240,
-30.4200

■ 169.1840, 16.4300,
-88.5460

■ 209.2660, 4.2220,
-21.4580

■ 214.4650, 2.5240,
-12.7080

■ 219.6640, 0.8260,
-3.9580

■ 224.8630, -0.8720,
4.7920

■ 229.9480, -2.2490,
13.2310

■ 232.9380, 3.7110,
15.3510

Harmonies

Analogous

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



194.9410, 67.2680, -40.7000



188.0570, 10.7390, -56.9810



164.5770, -84.8540, -70.1500

Triad

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



188.0570, 10.7390, -56.9810



162.9060, -144.5550, -39.9390



180.6380, 49.5550, 43.5630

Complementary

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



188.0570, 10.7390, -56.9810



112.9430, -10.7390, 56.9810

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.



195.7130, 27.7750, 52.8230



188.0570, 10.7390, -56.9810



162.2070, -119.9370, -23.5290

Square

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



188.0570, 10.7390, -56.9810



167.6020, -146.7550, -44.1230



201.0750, -3.4440, 29.3880



179.9300, 68.0830, 16.1390

Rectangle

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



188.0570, 10.7390, -56.9810



160.3230, -124.8810, -66.1050



201.0750, -3.4440, 29.3880



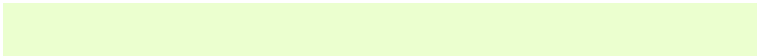
184.4340, 41.6220, 49.6700

Sweetspot

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



188.0570, 10.7390, -56.9810



243.5480, 3.4880, -19.1680



155.2160, 69.5530, 0.5050



120.6930, 1.8820, -12.0860



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.



188.0570, 10.7390, -56.9810



208.4370, 14.6400, -78.1280



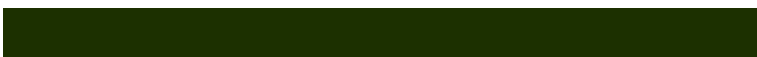
167.1270, -30.9810, -71.8210



109.5500, 1.1470, -4.2690



134.1090, 12.9880, -70.2120



36.5480, 3.4880, -19.1680

Inverse Universe

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



112.9430, -10.7390, 56.9810



105.5630, -14.6400, 78.1280



133.8730, 30.9810, 71.8210



103.7490, -0.5510, 4.4810



41.8910, -12.9880, 70.2120



11.4520, -3.4880, 19.1680

Previews

White Background



This preview shows how the YIQ color 188.0570, 10.7390, -56.9810 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 188.0570, 10.7390, -56.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

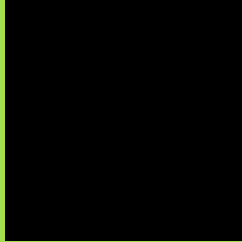
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.0570, 10.7390, -56.9810

Background



This preview shows how black text looks on a background with the YIQ color 188.0570, 10.7390, -56.9810.



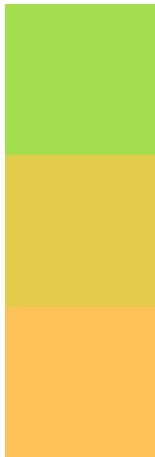
This preview shows how white text looks on a background with the YIQ color 188.0570, 10.7390, -56.9810.

-56.9810.

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

188.0570, 10.7390, -56.9810

Protanopia

196.0570, 55.4380, -35.5540

Deuteranopia

199.2580, 68.5940, -20.6700



Tritanopia

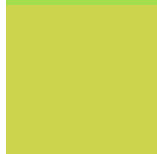
202.0500, -20.6320, -0.5360

Trichromacy



Original Color

188.0570, 10.7390, -56.9810



Protanomaly

193.5170, 39.1630, -43.4690



Deuteranomaly

195.2180, 47.7350, -33.6170



Tritanomaly

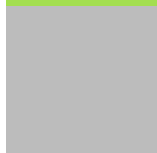
196.8500, -9.1660, -21.1180

Monochromacy



Original Color

188.0570, 10.7390, -56.9810



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7930, 4.1760, -20.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0570, 10.7390, -56.9810 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, 222, 79)` looks like.

```
.text, #text, p{  
    color:rgb(163, 222, 79)  
}
```

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, 222, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 222, 79) }
```

Border

The CSS property to change the border of an element to YIQ 188.0570, 10.7390, -56.9810 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, 222, 79) }
```


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

```
.border{ border-color:rgb(163, 222, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 222, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 222, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 222, 79);  
box-shadow:4px 4px 4px 4px rgb(163, 222,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0570, 10.7390, -56.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 222, 79) }
```

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

```
.background{ background-color: rgb(163,  
222, 79) }
```

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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