

Converting Colors

YIQ(194.4860, -12.2780,
-52.8380)

Have a look what the booklet for
YIQ(194.4860, -12.2780, -52.8380)
contains.

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Color

**YIQ(194.4860, -12.2780,
-52.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	96E876
RGB	150, 232, 118
RGB Percent	59%, 91%, 46%
CMY	0.4120, 0.0900, 0.5372
CMYK	0.35, 0.00, 0.49, 0.09
HSL	103°, 71%, 69%
HSV	103°, 49%, 91%
XYZ	44.7020, 65.5183, 27.4329
YIQ	194.4860, -12.2780, -52.8380

Conversions

Conversions Part 2

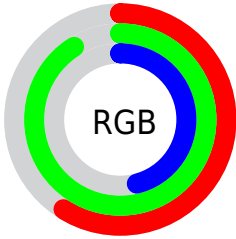
Format	Color
RYB	118, 232, 200
Decimal	9889910
CIELab	84.75, -45.43, 47.39
CIELCh	85, 65.648, 133.792
Yxy	65.5183, 0.3247, 0.4760
Android (android.graphics.Color)	4288079990 (0xFF96E876)
YUV	194.4860, -37.7076, -39.0142
Hunter-Lab	80.9434, -43.0719, 36.5661

Details

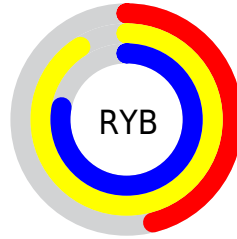
The YIQ color **194.4860, -12.2780, -52.8380** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **155.5140, 12.2780, 52.8380**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1860, -1.9650, -35.9890**, and **138.9420, -13.5620, -51.5940** is the 20% darker color. If you saturate the color by 10%, you get **186.7810, -15.0270, -63.5950**, and if you desaturate by 10%, it is **202.1910, -9.5290, -42.0810**.

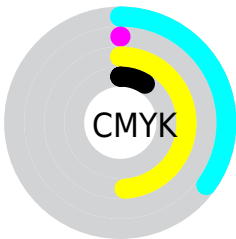
Distribution



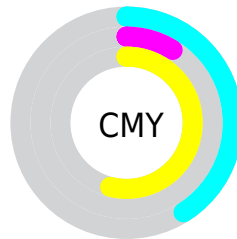
- Red (59%)
- Green (91%)
- Blue (46%)



- Red (46%)
- Yellow (91%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.4860, -12.2780, -52.8380 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 194.4860, -12.2780, -52.8380 by changing the saturation by 10% instead.

■ 194.4860,
-12.2780, -52.8380

■ 194.4860,
-12.2780, -52.8380

■ 255.0000, -0.0000,
-0.0000

■ 166.7140,
-12.9200, -52.2160

■ 231.1860, -1.9650,
-35.9890

■ 138.9420,
-13.5620, -51.5940

■ 243.3480, 6.9270,
-20.9210

■ 111.7570,
-14.4790, -51.4950

■ 252.0360, 8.3460,
-8.0860

■ 82.5780, -15.5330,
-54.4210

■ 56.9390, -26.6750,
-50.7310

■ 42.2640, -19.8000,
-37.6560

■ 28.7630, -13.4750,

-25.6270

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 194.4860,
-12.2780, -52.8380

■ 194.4860,
-12.2780, -52.8380

■ 186.7810,
-15.0270, -63.5950

■ 202.1910, -9.5290,
-42.0810

■ 179.3750,
-17.1800, -74.1400

■ 209.5970, -7.3760,
-31.5360

■ 171.5560,
-19.6080, -85.2080

■ 217.4160, -4.9480,
-20.4680

■ 163.8510,
-22.3570, -95.9650

■ 225.1210, -2.1990,
-9.7110

■ 156.1460,
-25.1060, -106.7220

■ 232.5270, -0.0460,
0.8340

■ 155.6190,
-25.0600, -107.5560

■ 240.0040, 3.3450,
10.9690

■ 241.4990, 6.3250,
12.0290

Harmonies

Analogous

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



202.4360, 43.8850, -40.9390



194.4860, -12.2780, -52.8380



160.8300, -122.1750, -71.0950

Triad

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



194.4860, -12.2780, -52.8380



162.9060, -144.5550, -39.9390



190.0810, 49.1450, 28.9610

Complementary

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



194.4860, -12.2780, -52.8380



155.5140, 12.2780, 52.8380

Split Complementary

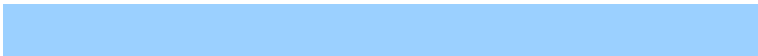
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.6110, 27.8220, 46.4620



194.4860, -12.2780, -52.8380



197.5110, -46.6750, 3.3810

Square

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



194.4860, -12.2780, -52.8380



169.3630, -147.5800, -45.6920



212.7250, 18.3330, 36.7090



192.3880, 63.3170, 3.3890

Rectangle

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



194.4860, -12.2780, -52.8380



166.9060, -136.5280, -58.7680



212.7250, 18.3330, 36.7090



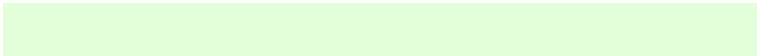
191.8880, 42.6790, 36.0150

Sweetspot

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



194.4860, -12.2780, -52.8380



242.2960, -4.4900, -17.7540



200.2200, 45.3940, -18.7180



120.2950, -2.7490, -10.7570



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.



194.4860, -12.2780, -52.8380



205.6080, -16.2180, -69.5460



187.7680, -39.3750, -51.8470



110.9410, -1.5120, -5.6400



120.0230, -19.4250, -83.0170



34.1230, -5.6810, -23.7050

Inverse Universe

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



155.5140, 12.2780, 52.8380



154.3920, 16.2180, 69.5460



162.2320, 39.3750, 51.8470



107.0590, 1.5120, 5.6400



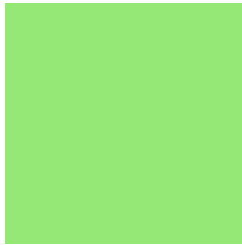
58.9770, 19.4250, 83.0170



16.8770, 5.6810, 23.7050

Previews

White Background



This preview shows how the YIQ color 194.4860, -12.2780, -52.8380 looks on a white background.

Color Contrast Check

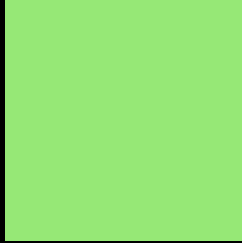
Large Text (above 18pt) WCAG AA × Fail

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 194.4860, -12.2780, -52.8380 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 194.4860, -12.2780, -52.8380 Background



This preview shows how black text looks on a background with the YIQ color 194.4860, -12.2780, -52.8380.



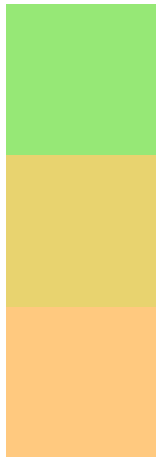
This preview shows how white text looks on a background with the YIQ color 194.4860, -12.2780, -52.8380.

-52.8380.

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

194.4860, -12.2780, -52.8380

Protanopia

205.8790, 44.6160, -26.6480

Deuteranopia

208.7100, 55.9380, -11.5660



Tritanopia

206.2870, -34.6610, -5.1010

Trichromacy



Original Color

194.4860, -12.2780, -52.8380



Protanomaly

201.9470, 23.5730, -36.2590



Deuteranomaly

203.4630, 31.2280, -26.3080



Tritanomaly

202.2270, -26.4050, -22.5730

Monochromacy



Original Color

194.4860, -12.2780, -52.8380



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.2420, -4.3980, -19.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.4860, -12.2780, -52.8380 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(150, 232, 118)` looks like.

```
.text, #text, p{  
    color:rgb(150, 232, 118)  
}
```

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(150, 232, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 232, 118) }
```

Border

The CSS property to change the border of an element to YIQ 194.4860, -12.2780, -52.8380 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(150, 232, 118) }
```


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

```
.border{ border-color:rgb(150, 232, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 232, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 232, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 232, 118);  
box-shadow:4px 4px 4px 4px rgb(150, 232,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 194.4860, -12.2780, -52.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 232, 118) }
```

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

```
.background{ background-color: rgb(150,  
232, 118) }
```

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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