

Converting Colors

YIQ(195.0250, -3.4300,
-47.9900)

Have a look what the booklet for
YIQ(195.0250, -3.4300, -47.9900)
contains.

YIQ(195.0250, -3.4300, -47.9900)	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(195.0250, -3.4300,
-47.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E375
RGB	162, 227, 117
RGB Percent	64%, 89%, 46%
CMY	0.3649, 0.1097, 0.5411
CMYK	0.29, 0.00, 0.48, 0.11
HSL	95°, 66%, 67%
HSV	95°, 48%, 89%
XYZ	45.5772, 63.9132, 26.7696
YIQ	195.0250, -3.4300, -47.9900

Conversions

Conversions Part 2

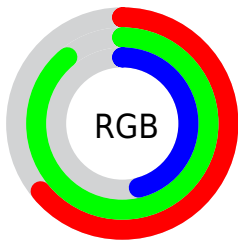
Format	Color
RYB	117, 227, 182
Decimal	10675061
CIELab	83.92, -39.34, 46.98
CIElCh	84, 61.276, 129.936
Yxy	63.9132, 0.3345, 0.4691
Android (android.graphics.Color)	4288865141 (0xFFA2E375)
YUV	195.0250, -38.4663, -28.9629
Hunter-Lab	79.9457, -38.1419, 36.1089

Details

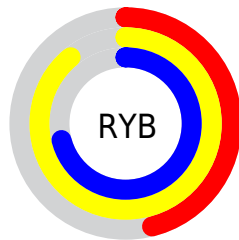
The YIQ color $195.0250, -3.4300, -47.9900$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $148.9750, 3.4300, 47.9900$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6600, 5.5080, -33.7560$, and $139.7800, -4.1180, -46.5340$ is the 20% darker color. If you saturate the color by 10%, you get $188.5160, -3.7950, -57.8990$, and if you desaturate by 10%, it is $201.5340, -3.0650, -38.0810$.

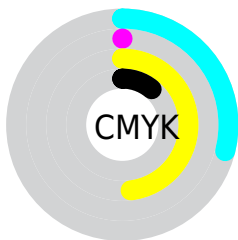
Distribution



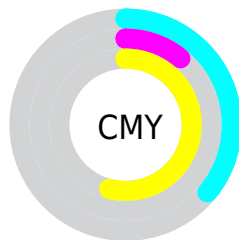
- Red (64%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)




- Cyan (36%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0250, -3.4300, -47.9900 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 195.0250, -3.4300, -47.9900 by changing the saturation by 10% instead.


 195.0250, -3.4300,
-47.9900


 195.0250, -3.4300,
-47.9900

255.0000, -0.0000,
-0.0000


 167.2530, -4.0720,
-47.3680


 234.6600, 5.5080,
-33.7560


 139.7800, -4.1180,
-46.5340


 246.5230, 13.8040,
-18.9000

 112.8940, -4.4390,
-46.2230

 251.9220, 8.6670,
-8.3970

 85.6120, -3.7050,
-48.5130

 60.8700, -13.0590,
-44.1870

 40.5030, -18.9750,
-36.0870

 27.0020, -12.6500,

-24.0580

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 195.0250, -3.4300,
-47.9900

■ 195.0250, -3.4300,
-47.9900

■ 188.5160, -3.7950,
-57.8990

■ 201.5340, -3.0650,
-38.0810

■ 181.8220, -5.0770,
-67.7090

■ 208.2280, -1.7830,
-28.2710

■ 175.3130, -5.4420,
-77.6180

■ 214.7370, -1.4180,
-18.3620

■ 168.5050, -6.4030,
-87.7390

■ 221.5450, -0.4570,
-8.2410

■ 162.1100, -7.0890,
-97.3370

■ 228.0540, -0.0920,
1.6680

■ 161.0560, -6.9970,
-99.0050

■ 234.7480, 1.1900,
11.4780

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



201.9790, 46.9100, -35.1860



195.0250, -3.4300, -47.9900



178.9130, -76.5120, -56.1280

Triad

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



195.0250, -3.4300, -47.9900



161.7320, -144.0050, -38.8930



192.0530, 46.3480, 30.0920

Complementary

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



195.0250, -3.4300, -47.9900



148.9750, 3.4300, 47.9900

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.



202.1870, 26.0800, 44.9920



195.0250, -3.4300, -47.9900



194.8090, -53.5060, 0.5260

Square

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



195.0250, -3.4300, -47.9900



167.6020, -146.7550, -44.1230



209.7130, 9.4390, 32.6950



192.3540, 60.6570, 7.5450

Rectangle

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



195.0250, -3.4300, -47.9900



163.3040, -131.8970, -60.0970



209.7130, 9.4390, 32.6950



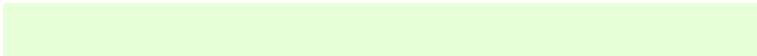
194.3330, 39.9280, 36.3120

Sweetspot

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



195.0250, -3.4300, -47.9900



243.7910, -1.5100, -16.6940



187.4580, 47.9600, -10.1520



121.1920, -0.9610, -10.1210



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.



195.0250, -3.4300, -47.9900



211.8160, -4.9400, -64.6840



182.5960, -33.1390, -54.7310



111.5390, -0.3200, -5.2160



126.9000, -5.7170, -78.1410



36.2160, -1.5090, -22.2210

Inverse Universe

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



148.9750, 3.4300, 47.9900



150.1840, 4.9400, 64.6840



161.4040, 33.1390, 54.7310



106.4610, 0.3200, 5.2160



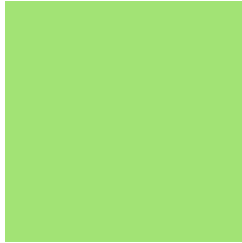
52.1000, 5.7170, 78.1410



14.7840, 1.5090, 22.2210

Previews

White Background



This preview shows how the YIQ color 195.0250, -3.4300, -47.9900 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 195.0250, -3.4300, -47.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

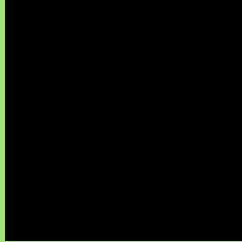
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.0250, -3.4300, -47.9900

Background



This preview shows how black text looks on a background with the YIQ color 195.0250, -3.4300, -47.9900.



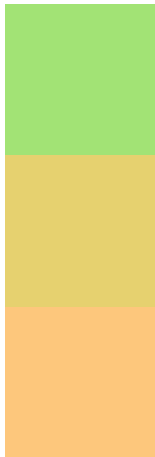
This preview shows how white text looks on a background with the YIQ color 195.0250, -3.4300,

-47.9900.

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

195.0250, -3.4300, -47.9900

Protanopia

204.1070, 43.9740, -26.0260

Deuteranopia

206.5960, 56.2590, -11.8770



Tritanopia

205.4730, -26.3170, -2.1330

Trichromacy



Original Color

195.0250, -3.4300, -47.9900



Protanomaly

200.9690, 26.5070, -34.3650



Deuteranomaly

202.2570, 34.8040, -25.0360



Tritanomaly

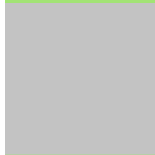
201.9400, -18.1070, -18.7710

Monochromacy



Original Color

195.0250, -3.4300, -47.9900



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.2640, -1.4640, -17.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0250, -3.4300, -47.9900 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(162, 227, 117)` looks like.

```
.text, #text, p{  
    color:rgb(162, 227, 117)  
}
```

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(162, 227, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 227, 117) }
```

Border

The CSS property to change the border of an element to YIQ 195.0250, -3.4300, -47.9900 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(162, 227, 117) }
```


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

```
.border{ border-color:rgb(162, 227, 117) }
```

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

Here you see how a box with a 4 pixel rgb(162, 227, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 227, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 227, 117);  
box-shadow:4px 4px 4px 4px rgb(162, 227,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0250, -3.4300, -47.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 227, 117) }
```

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

```
.background{ background-color: rgb(162,  
227, 117) }
```

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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