

Converting Colors

YIQ(194.1300, 19.9450, -3.5350)

Have a look what the booklet for
YIQ(194.1300, 19.9450, -3.5350)
contains.

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Color

**YIQ(194.1300, 19.9450,
-3.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BFA6
RGB	211, 191, 166
RGB Percent	83%, 75%, 65%
CMY	0.1725, 0.2510, 0.3489
CMYK	0.00, 0.09, 0.21, 0.17
HSL	33°, 34%, 74%
HSV	33°, 21%, 83%
XYZ	52.3805, 53.8621, 43.7242
YIQ	194.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

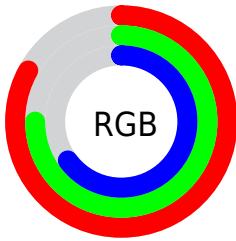
Format	Color
R_{YB}	202, 211, 166
Decimal	13877158
CIE Lab	78.38, 3.12, 15.17
CIE LCh	78, 15.490, 78.387
Yxy	53.8621, 0.3493, 0.3592
Android (android.graphics.Color)	4292067238 (0xFFD3BFA6)
YUV	194.1300, -13.8681, 14.7950
Hunter-Lab	73.3908, -1.0348, 16.0503

Details

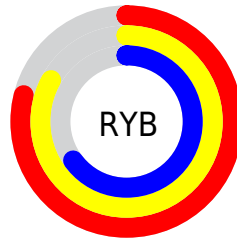
The YIQ color **194.1300, 19.9450, -3.5350** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182.8700, -19.9450, 3.5350**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4280, 13.1140, -6.3900**, and **140.6460, 18.4320, -3.6480** is the 20% darker color. If you saturate the color by 10%, you get **186.4530, 29.1610, -5.3590**, and if you desaturate by 10%, it is **201.8070, 10.7290, -1.7110**.

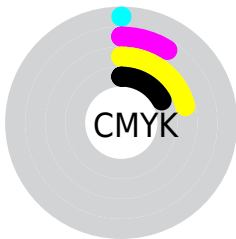
Distribution



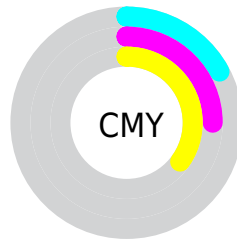
- Red (83%)
- Green (75%)
- Blue (65%)



- Red (79%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1300, 19.9450, -3.5350 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 194.1300, 19.9450, -3.5350 by changing the saturation by 10% instead.

■ 194.1300, 19.9450,
-3.5350

■ 194.1300, 19.9450,
-3.5350

■ 255.0000, -0.0000,
-0.0000

■ 166.9450, 19.0280,
-3.4360

■ 246.4280, 13.1140,
-6.3900

■ 140.6460, 18.4320,
-3.6480

■ 254.4300, 1.6050,
-1.5550

■ 114.8740, 17.7900,
-3.0260

■ 90.2760, 16.5980,
-3.4500

■ 67.0910, 15.6810,
-3.3510

■ 44.6070, 14.1680,
-3.4640

■ 23.3790, 14.8100,

-4.0860

■ 0.0000, 0.0000,
0.0000

■ 194.1300, 19.9450,
-3.5350

■ 194.1300, 19.9450,
-3.5350

■ 186.4530, 29.1610,
-5.3590

■ 201.8070, 10.7290,
-1.7110

■ 178.1890, 38.6520,
-6.6600

■ 210.0710, 1.2380,
-0.4100

■ 170.5120, 47.8680,
-8.4840

■ 217.7480, -7.9780,
1.4140

■ 162.2480, 57.3590,
-9.7850

■ 226.0120,
-17.4690, 2.7150

■ 154.5710, 66.5750,
-11.6090

■ 231.8650,
-21.5490, -0.4370

■ 146.7800, 76.1120,
-13.7440

■ 237.1480,
-24.0240, -5.1440

■ 138.5160, 85.6030,
-15.0450

■ 241.8440,
-26.2240, -9.3280

■ 131.7680, 93.5810,
-16.4590

Harmonies

Analogous

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



195.5700, 24.7580, 2.8540



194.1300, 19.9450, -3.5350



192.6940, 9.3090, -9.0190

Triad

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



194.1300, 19.9450, -3.5350



188.5450, -26.8200, -9.5400



196.5310, 3.2990, 11.8030

Complementary

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



194.1300, 19.9450, -3.5350



182.8700, -19.9450, 3.5350

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.



194.7080, -10.5010, 8.5950



194.1300, 19.9450, -3.5350



190.0380, -29.5260, -4.5500

Square

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



194.1300, 19.9450, -3.5350



189.3410, -17.5580, -12.1980



192.3750, -22.9250, 2.4750



197.1750, 16.0450, 12.0850

Rectangle

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



194.1300, 19.9450, -3.5350



191.6220, 0.6440, -11.6760



192.3750, -22.9250, 2.4750



195.9650, -0.9190, 11.1530

Sweetspot

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



194.1300, 19.9450, -3.5350



249.1810, 6.7400, -1.0040



181.7350, 20.4000, 15.7600



124.6260, 3.9890, -0.7070



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.



194.1300, 19.9450, -3.5350



230.4530, 29.1610, -5.3590



205.2720, 13.2530, -14.4190



100.8110, 4.9060, -0.8060



104.8230, 74.5530, -13.0230



25.7600, 18.1110, -3.3370

Inverse Universe

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



182.8700, -19.9450, 3.5350



213.5470, -29.1610, 5.3590



171.7280, -13.2530, 14.4190



98.1890, -4.9060, 0.8060



63.1770, -74.5530, 13.0230



15.2400, -18.1110, 3.3370

Previews

White Background



This preview shows how the YIQ color 194.1300, 19.9450, -3.5350 looks on a white background.

Color Contrast Check

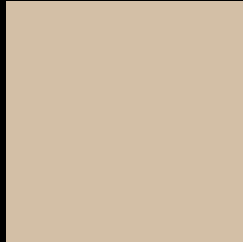
Large Text (above 18pt) WCAG AA × Fail

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 194.1300, 19.9450, -3.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

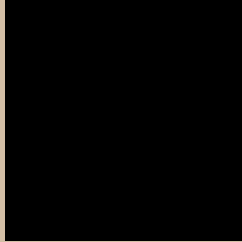
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.1300, 19.9450, -3.5350

Background



This preview shows how black text looks on a background with the YIQ color 194.1300, 19.9450, -3.5350.



This preview shows how white text looks on a background with the YIQ color 194.1300, 19.9450,

-3.5350.

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

194.1300, 19.9450, -3.5350

Protanopia

193.3250, 14.9020, -5.7540

Deuteranopia

195.1850, 27.2800, 1.2000



Tritanopia

196.3810, 12.4690, 10.8130

Trichromacy



Original Color

194.1300, 19.9450, -3.5350

Protanomaly

193.6350, 16.9650, -4.5950

Deuteranomaly

194.5760, 24.6210, -0.1710

Tritanomaly

195.7740, 15.4960, 5.5120

Monochromacy



Original Color

194.1300, 19.9450, -3.5350

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0670, 7.0610, -1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1300, 19.9450, -3.5350 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(211, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 166)  
}
```

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(211, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 166) }
```

Border

The CSS property to change the border of an element to YIQ 194.1300, 19.9450, -3.5350 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(211, 191, 166) }
```


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

```
.border{ border-color:rgb(211, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 191,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1300, 19.9450, -3.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 166) }
```

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

```
.background{ background-color: rgb(211,  
191, 166) }
```

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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