

# Converting Colors

YIQ(195.4820, 11.8810,  
-33.6150)

Have a look what the booklet for  
YIQ(195.4820, 11.8810, -33.6150)  
contains.

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# Color

**YIQ(195.4820, 11.8810,  
-33.6150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAD67D
RGB	186, 214, 125
RGB Percent	73%, 84%, 49%
CMY	0.2707, 0.1607, 0.5097
CMYK	0.13, 0.00, 0.42, 0.16
HSL	79°, 52%, 66%
HSV	79°, 42%, 84%
XYZ	47.9952, 60.0156, 28.4665
YIQ	195.4820, 11.8810, -33.6150

# Conversions

## Conversions Part 2

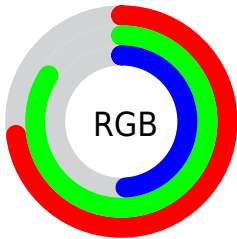
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 214, 153
Decimal	12244605
CIELab	81.85, -23.59, 40.82
CIELCh	82, 47.144, 120.031
Yxy	60.0156, 0.3517, 0.4397
Android (android.graphics.Color)	4290434685 (0xFFBAD67D)
YUV	195.4820, -34.7476, -8.3157
Hunter-Lab	77.4697, -24.9851, 32.4425

# Details

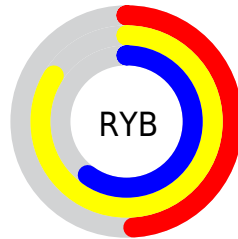
The YIQ color  $195.4820, 11.8810, -33.6150$  is a light color, and the websafe version is hex  $99CC66$ . A complement of this color would be  $143.5180, -11.8810, 33.6150$ , and the grayscale version is  $196.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $242.7480, 17.2440, -26.1800$ , and  $140.9380, 10.5970, -32.3710$  is the 20% darker color. If you saturate the color by 10%, you get  $190.9950, 14.4500, -41.6300$ , and if you desaturate by 10%, it is  $199.9690, 9.3120, -25.6000$ .

# Distribution



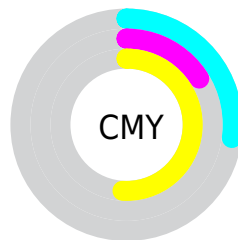
- Red (73%)
- Green (84%)
- Blue (49%)



- Red (49%)
- Yellow (84%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4820, 11.8810, -33.6150 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 195.4820, 11.8810, -33.6150 by changing the saturation by 10% instead.



■ 195.4820, 11.8810,  
-33.6150

■ 195.4820, 11.8810,  
-33.6150

255.0000, -0.0000,  
-0.0000

■ 167.7100, 11.2390,  
-32.9930

■ 242.7480, 17.2440,  
-26.1800

■ 140.9380, 10.5970,  
-32.3710

■ 249.5280, 15.4080,  
-14.9280

■ 115.0520, 10.2760,  
-32.0600

■ 252.7200, 6.4200,  
-6.2200

■ 89.7530, 9.6800,  
-32.2720

■ 64.8670, 9.3590,  
-31.9610

■ 44.4890, 1.9760,  
-24.8080

■ 22.9040, -9.2580,

-19.4500

■ 7.0440, -3.3000,  
-6.2760

■ 0.0000, 0.0000,  
0.0000

■ 195.4820, 11.8810,  
-33.6150

■ 195.4820, 11.8810,  
-33.6150

■ 190.9950, 14.4500,  
-41.6300

■ 199.9690, 9.3120,  
-25.6000

■ 186.3940, 17.3400,  
-49.9560

■ 204.2710, 5.8260,  
-17.4860

■ 182.2060, 20.5050,  
-57.7590

■ 208.7580, 3.2570,  
-9.4710

■ 177.6050, 23.3950,  
-66.0850

■ 213.3590, 0.3670,  
-1.1450

■ 173.1180, 25.9640,  
-74.1000

■ 217.8460, -2.2020,  
6.8700

■ 169.5710, 28.7620,  
-80.7580

■ 222.0340, -5.3670,  
14.6730

■ 224.3550, -1.8370,  
16.7790

■ 226.4480, 2.3350,  
18.2630

■ 228.5410, 6.5070,  
19.7470

# Harmonies

## Analogous

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



200.3510, 46.4030, -20.4850



195.4820, 11.8810, -33.6150



188.3810, -33.3710, -39.5070

# Triad

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



195.4820, 11.8810, -33.6150



165.3860, -128.0510, -30.6670



198.2310, 39.9750, 29.9510

# Complementary

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



195.4820, 11.8810, -33.6150



143.5180, -11.8810, 33.6150

# 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.



207.8290, 23.9720, 39.1400



195.4820, 11.8810, -33.6150



191.5310, -58.5950, -0.8590

# Square

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



195.4820, 11.8810, -33.6150



160.7060, -141.1160, -41.6920



203.9660, -10.6870, 22.9850



195.6770, 52.6780, 14.4860



# Rectangle

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



195.4820, 11.8810, -33.6150



180.5910, -69.1330, -41.1730



203.9660, -10.6870, 22.9850



201.1150, 34.6100, 33.5700

# Sweetspot

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



195.4820, 11.8810, -33.6150



248.4760, 3.9910, -11.7610



167.4600, 45.6190, 4.7470



124.1540, 2.2020, -6.8700



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

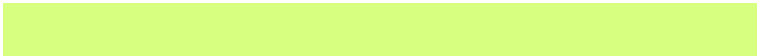


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.4820, 11.8810, -33.6150



228.5620, 16.9270, -47.9770



182.6250, -13.7470, -42.7310



104.8490, 1.7430, -4.0570



135.3600, 22.7070, -64.6290



34.2110, 6.0550, -16.1290



# Inverse Universe

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



143.5180, -11.8810, 33.6150



154.4380, -16.9270, 47.9770



156.3750, 13.7470, 42.7310



98.4500, -1.1470, 4.2690



35.6400, -22.7070, 64.6290



9.0880, -5.4590, 16.3410



# Previews

## White Background



This preview shows how the YIQ color 195.4820, 11.8810, -33.6150 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 195.4820, 11.8810, -33.6150 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 195.4820, 11.8810, -33.6150

## Background



This preview shows how black text looks on a background with the YIQ color 195.4820, 11.8810, -33.6150.



This preview shows how white text looks on a background with the YIQ color 195.4820, 11.8810,

-33.6150.

# 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

195.4820, 11.8810, -33.6150

### Protanopia

199.3330, 37.6460, -21.4740

### Deuteranopia

201.9530, 50.9400, -9.0920



## Tritanopia

203.3290, -8.1160, 3.9160

# Trichromacy



## Original Color

195.4820, 11.8810, -33.6150

## Protanomaly

197.9080, 28.4770, -26.0110

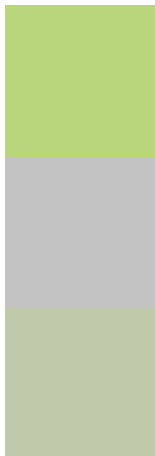
## Deuteranomaly

199.5550, 37.1410, -17.8270

## Tritanomaly

200.6050, -0.6860, -9.5980

# Monochromacy



## Original Color

195.4820, 11.8810, -33.6150

## Achromatopsia

195.0000, -0.0000, 0.0000

## Achromatomaly

195.3620, 4.3120, -12.0720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.4820, 11.8810, -33.6150 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(186, 214, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 214, 125)  
}
```

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(186, 214, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 214, 125) }
```

## Border

The CSS property to change the border of an element to YIQ 195.4820, 11.8810, -33.6150 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(186, 214, 125) }
```



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

```
.border{ border-color:rgb(186, 214, 125) }
```

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

Here you see how a box with a 4 pixel rgb(186, 214, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 214, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 214, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 214,  
125) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.4820, 11.8810, -33.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 214, 125) }
```

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

```
.background{ background-color: rgb(186,  
214, 125) }
```

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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