

# Converting Colors

YIQ(195.1480, 18.3930,  
-41.5030)

Have a look what the booklet for  
YIQ(195.1480, 18.3930, -41.5030)  
contains.

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# **Color**

**YIQ(195.1480, 18.3930,  
-41.5030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BBD968</b>
RGB	187, 217, 104
RGB Percent	73%, 85%, 41%
CMY	0.2668, 0.1490, 0.5920
CMYK	0.14, 0.00, 0.52, 0.15
HSL	76°, 60%, 63%
HSV	76°, 52%, 85%
XYZ	47.8015, 61.1926, 22.3996
YIQ	195.1480, 18.3930, -41.5030

# Conversions

## Conversions Part 2

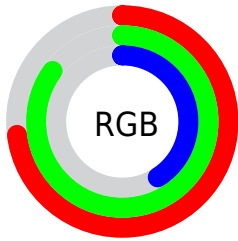
Format	Color
<a href="#">RYB</a>	<a href="#">104, 217, 134</a>
Decimal	<a href="#">12310888</a>
CIELab	<a href="#">82.48, -26.87, 51.73</a>
CIELCh	<a href="#">82, 58.293, 117.448</a>
Yxy	<a href="#">61.1926, 0.3638, 0.4657</a>
Android (android.graphics.Color)	<a href="#">4290500968 (0xFFBBD968)</a>
YUV	<a href="#">195.1480, -44.9360, -7.1458</a>
Hunter-Lab	<a href="#">78.2257, -27.8188, 37.7806</a>

# Details

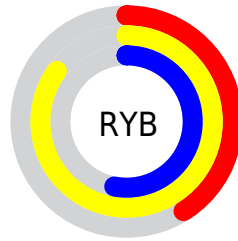
The YIQ color **195.1480, 18.3930, -41.5030** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **125.8520, -18.3930, 41.5030**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9520, 25.1770, -32.2870**, and **140.0770, 17.1550, -41.0930** is the 20% darker color. If you saturate the color by 10%, you get **190.8460, 21.8790, -49.6170**, and if you desaturate by 10%, it is **199.4500, 14.9070, -33.3890**.

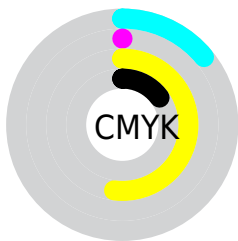
# Distribution



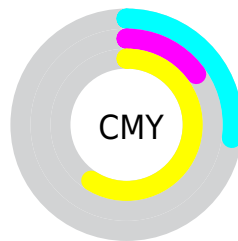
- Red (73%)
- Green (85%)
- Blue (41%)



- Red (41%)
- Yellow (85%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (52%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1480, 18.3930, -41.5030 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 195.1480, 18.3930, -41.5030 by changing the saturation by 10% instead.



■ 195.1480, 18.3930,  
-41.5030

■ 195.1480, 18.3930,  
-41.5030

■ 255.0000, -0.0000,  
-0.0000

■ 167.3760, 17.7510,  
-40.8810

■ 240.9520, 25.1770,  
-32.2870

■ 140.0770, 17.1550,  
-41.0930

■ 247.1340, 22.1490,  
-21.4590

■ 113.7350, 18.1180,  
-42.0260

■ 250.3260, 13.1610,  
-12.7510

■ 87.8920, 16.2380,  
-40.9940

■ 253.6320, 3.8520,  
-3.7320

■ 66.3290, 7.9380,  
-33.7420

■ 44.1680, -1.5540,  
-26.9140

■ 23.4800, -11.0000,

-20.9200

■ 9.3920, -4.4000,  
-8.3680

■ 0.0000, 0.0000,  
0.0000

■ 195.1480, 18.3930,  
-41.5030

■ 195.1480, 18.3930,  
-41.5030

■ 190.8460, 21.8790,  
-49.6170

■ 199.4500, 14.9070,  
-33.3890

■ 186.6580, 25.0440,  
-57.4200


■ 203.6380, 11.7420,  
-25.5860

■ 182.6550, 29.1260,  
-65.3220

■ 207.6410, 7.6600,  
-17.6840


■ 178.3530, 32.6120,  
-73.4360


■ 211.9430, 4.1740,  
-9.5700


 174.9200, 35.0890,  
-79.7830

 216.2450, 0.6880,  
-1.4560

 220.4330, -2.4770,  
6.3470

 224.3220, -6.2380,  
13.9380

 226.1160, -2.6620,  
15.2100

 227.9100, 0.9140,  
16.4820

# Harmonies

## Analogous

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



200.8330, 59.4250, -25.2070



195.1480, 18.3930, -41.5030



185.5340, -38.5960, -49.4440

# Triad

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



195.1480, 18.3930, -41.5030



161.7320, -144.0050, -38.8930



193.7460, 40.2030, 36.8350

# Complementary

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



195.1480, 18.3930, -41.5030



125.8520, -18.3930, 41.5030

# 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.



206.2790, 22.8250, 43.4090



195.1480, 18.3930, -41.5030



180.7230, -85.9190, -12.2790

# Square

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



195.1480, 18.3930, -41.5030



165.1400, -145.3340, -42.3420



202.7590, -14.5380, 21.1900



189.9380, 56.4370, 17.9490



# Rectangle

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



195.1480, 18.3930, -41.5030



168.3650, -98.3360, -57.0880



202.7590, -14.5380, 21.1900



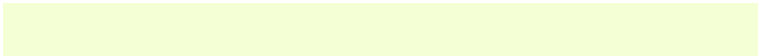
197.6730, 33.2790, 41.1750

# Sweetspot

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



195.1480, 18.3930, -41.5030



247.0370, 6.6050, -15.0830



154.2230, 59.6480, 9.3120



123.0570, 3.8530, -9.2590



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.



195.1480, 18.3930, -41.5030



224.4300, 25.6860, -58.0420



178.7030, -14.3870, -53.1630



107.8490, 1.7430, -4.0570



139.5240, 28.1170, -63.5550



37.1680, 7.6140, -16.8500



# Inverse Universe

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



125.8520, -18.3930, 41.5030



127.5700, -25.6860, 58.0420



142.2970, 14.3870, 53.1630



101.1510, -1.7430, 4.0570



33.4760, -28.1170, 63.5550



8.8320, -7.6140, 16.8500



# Previews

## White Background



This preview shows how the YIQ color 195.1480, 18.3930, -41.5030 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 195.1480, 18.3930, -41.5030 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 195.1480, 18.3930, -41.5030

## Background



This preview shows how black text looks on a background with the YIQ color 195.1480, 18.3930, -41.5030.



This preview shows how white text looks on a background with the YIQ color 195.1480, 18.3930,

-41.5030.

# 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

195.1480, 18.3930, -41.5030

### Protanopia

199.6080, 46.8170, -27.9910

### Deuteranopia

202.0540, 60.6610, -14.5630



## Tritanopia

205.0410, -7.2450, 4.6510

# Trichromacy



## Original Color

195.1480, 18.3930, -41.5030

## Protanomaly

197.5850, 36.4560, -32.9520

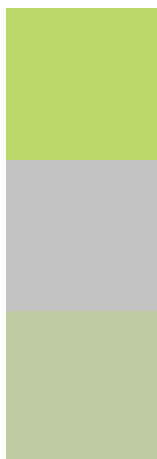
## Deuteranomaly

199.6450, 45.3950, -24.2450

## Tritanomaly

201.5790, 2.2030, -12.3970

# Monochromacy



## Original Color

195.1480, 18.3930, -41.5030

## Achromatopsia

195.0000, -0.0000, 0.0000

## Achromatomaly

195.0370, 6.6050, -15.0830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.1480, 18.3930, -41.5030 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(187, 217, 104)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 104)  
}
```

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(187, 217, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 104) }
```

## Border

The CSS property to change the border of an element to YIQ 195.1480, 18.3930, -41.5030 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(187, 217, 104) }
```



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

```
.border{ border-color:rgb(187, 217, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 104);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
104) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.1480, 18.3930, -41.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 104) }
```

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

```
.background{ background-color: rgb(187,  
217, 104) }
```

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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