

Converting Colors

YIQ(197.8820, 22.1980,
-38.8740)

Have a look what the booklet for
YIQ(197.8820, 22.1980, -38.8740)
contains.

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Color

**YIQ(197.8820, 22.1980,
-38.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D96B
RGB	195, 217, 107
RGB Percent	76%, 85%, 42%
CMY	0.2354, 0.1490, 0.5802
CMYK	0.10, 0.00, 0.51, 0.15
HSL	72°, 59%, 64%
HSV	72°, 51%, 85%
XYZ	49.9690, 62.2908, 23.3118
YIQ	197.8820, 22.1980, -38.8740

Conversions

Conversions Part 2

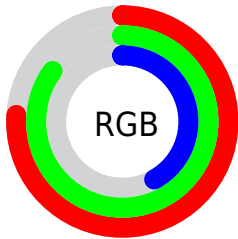
Format	Color
RYB	107, 217, 129
Decimal	12835179
CIELab	83.07, -23.47, 51.16
CIELCh	83, 56.287, 114.646
Yxy	62.2908, 0.3686, 0.4595
Android (android.graphics.Color)	4291025259 (0xFFC3D96B)
YUV	197.8820, -44.8048, -2.5275
Hunter-Lab	78.9245, -25.1052, 37.7348

Details

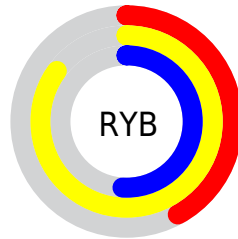
The YIQ color **197.8820, 22.1980, -38.8740** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126.1180, -22.1980, 38.8740**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6860, 28.9820, -29.6580**, and **142.9250, 20.6390, -38.1530** is the 20% darker color. If you saturate the color by 10%, you get **194.1780, 26.8760, -46.5640**, and if you desaturate by 10%, it is **201.5860, 17.5200, -31.1840**.

Distribution



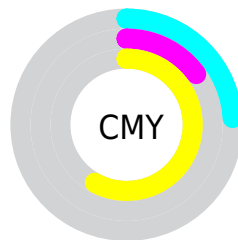
- Red (76%)
- Green (85%)
- Blue (42%)



- Red (42%)
- Yellow (85%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (51%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.8820, 22.1980, -38.8740 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 197.8820, 22.1980, -38.8740 by changing the saturation by 10% instead.

■ 197.8820, 22.1980,
-38.8740

■ 197.8820, 22.1980,
-38.8740

255.0000, -0.0000,
-0.0000

■ 170.1100, 21.5560,
-38.2520

■ 243.6860, 28.9820,
-29.6580

■ 142.9250, 20.6390,
-38.1530

■ 247.4760, 21.1860,
-20.5260

■ 116.3980, 20.6850,
-38.9870

■ 250.6680, 12.1980,
-11.8180

■ 90.2840, 21.0060,
-39.2980

■ 253.9740, 2.8890,
-2.7990

■ 68.4220, 12.1100,
-32.2580

■ 47.1470, 2.9390,
-25.7410

■ 25.8610, -7.6990,

-20.1710

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 197.8820, 22.1980,
-38.8740

■ 197.8820, 22.1980,
-38.8740

■ 194.1780, 26.8760,
-46.5640

■ 201.5860, 17.5200,
-31.1840

■ 190.2890, 30.6370,
-54.1550


■ 205.4750, 13.7590,
-23.5930


■ 186.5850, 35.3150,
-61.8450

■ 209.1790, 9.0810,
-15.9030


■ 182.8810, 39.9930,
-69.5350


■ 212.8830, 4.4030,
-8.2130

 179.4050, 44.0290,
-76.6030

 216.8860, 0.3210,
-0.3110

 220.4760, -4.0360,
7.0680

 223.7240, -7.4300,
13.5140

 225.2190, -4.4500,
14.5740

 226.4150, -2.0660,
15.4220

Harmonies

Analogous

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



203.1260, 60.1580, -21.9700



197.8820, 22.1980, -38.8740



189.3070, -30.5270, -46.9990

Triad

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



197.8820, 22.1980, -38.8740



162.9060, -144.5550, -39.9390



197.4790, 36.5810, 36.3970

Complementary

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



197.8820, 22.1980, -38.8740



126.1180, -22.1980, 38.8740

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.



208.6270, 21.7250, 41.3170



197.8820, 22.1980, -38.8740



181.8860, -87.9360, -14.2720

Square

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



197.8820, 22.1980, -38.8740



165.1570, -144.0040, -44.4200



203.3130, -19.2140, 17.8260



192.6110, 53.0440, 18.8680

Rectangle

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



197.8820, 22.1980, -38.8740



177.2920, -78.8970, -51.4490



203.3130, -19.2140, 17.8260



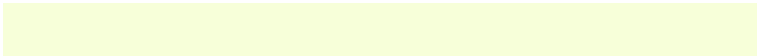
200.5910, 30.5740, 40.6380

Sweetspot

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



197.8820, 22.1980, -38.8740



248.2760, 7.4300, -13.5140



152.8040, 59.5100, 11.8140



123.8830, 4.4030, -8.2130



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.



197.8820, 22.1980, -38.8740



227.9470, 31.6000, -55.0880



181.4370, -10.5820, -50.5340



107.8490, 1.7430, -4.0570



143.1120, 35.2690, -61.0110



38.0650, 9.4020, -16.2140

Inverse Universe

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



126.1180, -22.1980, 38.8740



126.3520, -31.0040, 55.3000



142.5630, 10.5820, 50.5340



100.8520, -2.3390, 3.8450



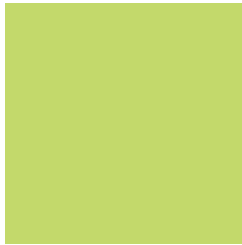
30.1870, -34.6730, 61.2230



7.9350, -9.4020, 16.2140

Previews

White Background



This preview shows how the YIQ color 197.8820, 22.1980, -38.8740 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 197.8820, 22.1980, -38.8740 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 197.8820, 22.1980, -38.8740

Background



This preview shows how black text looks on a background with the YIQ color 197.8820, 22.1980, -38.8740.



This preview shows how white text looks on a background with the YIQ color 197.8820, 22.1980, -38.8740.

-38.8740.

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

197.8820, 22.1980, -38.8740

Protanopia

201.5370, 45.5790, -27.5810

Deuteranopia

204.0540, 60.6610, -14.5630



Tritanopia

207.7210, -3.3480, 5.6120

Trichromacy



Original Color

197.8820, 22.1980, -38.8740

Protanomaly

200.4110, 37.0060, -31.9060

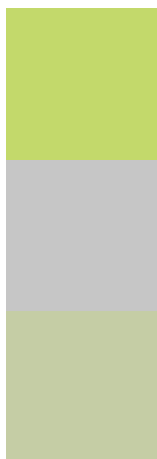
Deuteranomaly

201.6560, 46.8620, -23.2980

Tritanomaly

203.9000, 5.7330, -10.2910

Monochromacy



Original Color

197.8820, 22.1980, -38.8740

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0480, 8.0720, -14.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.8820, 22.1980, -38.8740 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(195, 217, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 107)  
}
```

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(195, 217, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 107) }
```

Border

The CSS property to change the border of an element to YIQ 197.8820, 22.1980, -38.8740 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(195, 217, 107) }
```


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

```
.border{ border-color:rgb(195, 217, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 217, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 217, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 217, 107);  
box-shadow:4px 4px 4px 4px rgb(195, 217,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 197.8820, 22.1980, -38.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 107) }
```

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

```
.background{ background-color: rgb(195,  
217, 107) }
```

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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