

Converting Colors

YIQ(197.1490, 17.7930,
-19.6070)

Have a look what the booklet for
YIQ(197.1490, 17.7930, -19.6070)
contains.

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Color

**YIQ(197.1490, 17.7930,
-19.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	CACD90
RGB	202, 205, 144
RGB Percent	79%, 80%, 56%
CMY	0.2079, 0.1961, 0.4352
CMYK	0.01, 0.00, 0.30, 0.20
HSL	63°, 38%, 68%
HSV	63°, 30%, 80%
XYZ	51.2219, 58.2327, 34.9379
YIQ	197.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

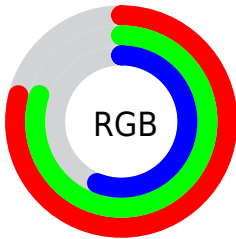
Format	Color
RYB	144, 205, 147
Decimal	13290896
CIELab	80.87, -10.65, 30.09
CIElCh	81, 31.918, 109.483
Yxy	58.2327, 0.3547, 0.4033
Android (android.graphics.Color)	4291480976 (0xFFCACD90)
YUV	197.1490, -26.2025, 4.2543
Hunter-Lab	76.3103, -13.7282, 26.2719

Details

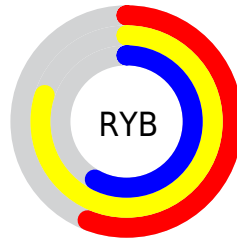
The YIQ color $197.1490, 17.7930, -19.6070$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $151.8510, -17.7930, 19.6070$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5020, 18.2970, -17.7270$, and $143.1920, 16.2340, -18.8860$ is the 20% darker color. If you saturate the color by 10%, you get $194.5700, 23.6170, -26.0390$, and if you desaturate by 10%, it is $199.8420, 11.6480, -12.8640$.

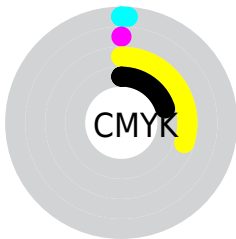
Distribution



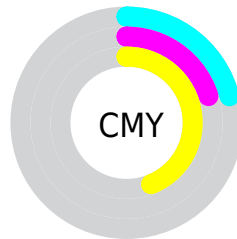
- Red (79%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1490, 17.7930, -19.6070 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 197.1490, 17.7930, -19.6070 by changing the saturation by 10% instead.

■ 197.1490, 17.7930,
-19.6070

■ 197.1490, 17.7930,
-19.6070

255.0000, -0.0000,
-0.0000

■ 169.9640, 16.8760,
-19.5080

■ 248.5020, 18.2970,
-17.7270

■ 143.1920, 16.2340,
-18.8860

■ 251.6940, 9.3090,
-9.0190

■ 117.4200, 15.5920,
-18.2640

■ 92.2350, 14.6750,
-18.1650

■ 68.3490, 14.3540,
-17.8540

■ 45.7510, 13.1620,
-18.2780

■ 26.2590, 6.1000,

-11.4360

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 197.1490, 17.7930,
-19.6070

■ 197.1490, 17.7930,
-19.6070

■ 194.5700, 23.6170,
-26.0390

■ 199.8420, 11.6480,
-12.8640

■ 191.8770, 29.7620,
-32.7820

■ 202.4210, 5.8240,
-6.4320

■ 189.2980, 35.5860,
-39.2140

■ 205.1140, -0.3210,
0.3110

■ 186.6050, 41.7310,
-45.9570

■ 207.6930, -6.1450,
6.7430

■ 184.0260, 47.5550,
-52.3890

■ 210.3860,
-12.2900, 13.4860

■ 181.3330, 53.7000,
-59.1320

■ 211.5970,
-14.2620, 16.1860

■ 178.7540, 59.5240,
-65.5640

■ 211.8960,
-13.6660, 16.3980

■ 178.6400, 59.8450,
-65.8750

■ 212.1950,
-13.0700, 16.6100

■ 212.4940,
-12.4740, 16.8220

Harmonies

Analogous

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



200.0210, 39.0650, -8.6390



197.1490, 17.7930, -19.6070



193.6170, -10.1280, -25.7120

Triad

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



197.1490, 17.7930, -19.6070



187.6340, -69.5510, -11.5590



205.5890, 32.9150, 25.7390

Complementary

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



197.1490, 17.7930, -19.6070



151.8510, -17.7930, 19.6070

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.



205.6000, 8.0190, 25.3870



197.1490, 17.7930, -19.6070



194.8310, -50.5720, 2.4200

Square

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



197.1490, 17.7930, -19.6070



185.3490, -64.7350, -21.7510



201.8180, -22.1940, 16.7660



202.0660, 44.3330, 17.0450

Rectangle

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



197.1490, 17.7930, -19.6070



190.5530, -30.4390, -26.5590



201.8180, -22.1940, 16.7660



205.4080, 26.1750, 26.7430

Sweetspot

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



197.1490, 17.7930, -19.6070



252.0790, 6.7870, -7.3650



163.4130, 35.8060, 11.8860



125.9910, 4.2190, -4.8770



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.



197.1490, 17.7930, -19.6070



243.0170, 26.5520, -29.6720



188.1790, -0.0870, -25.9670



100.5610, 2.6140, -3.3220



144.6840, 48.5180, -53.3220



33.0700, 11.0060, -12.2420

Inverse Universe

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



151.8510, -17.7930, 19.6070



174.9830, -26.5520, 29.6720



160.8210, 0.0870, 25.9670



93.1400, -3.2100, 3.1100



21.3160, -48.5180, 53.3220



4.9300, -11.0060, 12.2420

Previews

White Background



This preview shows how the YIQ color 197.1490, 17.7930, -19.6070 looks on a white background.

Color Contrast Check

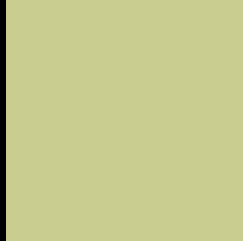
Large Text (above 18pt) WCAG AA × Fail

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 197.1490, 17.7930, -19.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

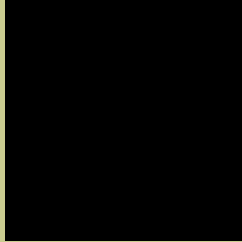
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

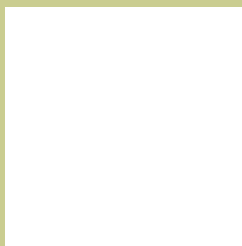
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.1490, 17.7930, -19.6070

Background



This preview shows how black text looks on a background with the YIQ color 197.1490, 17.7930, -19.6070.



This preview shows how white text looks on a background with the YIQ color 197.1490, 17.7930, -19.6070.

-19.6070.

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

197.1490, 17.7930, -19.6070

Protanopia

198.1720, 28.1540, -14.6460

Deuteranopia

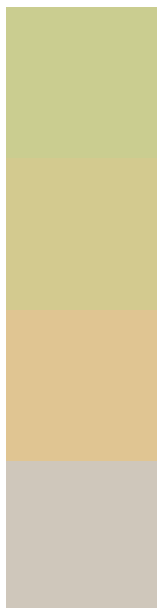
200.3250, 41.2650, -4.4550



Tritanopia

202.0100, 3.2080, 7.9440

Trichromacy



Original Color

197.1490, 17.7930, -19.6070

Protanomaly

197.9650, 24.3030, -16.4410

Deuteranomaly

199.2590, 32.4630, -10.1370

Tritanomaly

200.0240, 8.6200, -2.0360

Monochromacy



Original Color

197.1490, 17.7930, -19.6070

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1930, 6.4660, -7.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1490, 17.7930, -19.6070 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(202, 205, 144)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 144)  
}
```

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(202, 205, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 144) }
```

Border

The CSS property to change the border of an element to YIQ 197.1490, 17.7930, -19.6070 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(202, 205, 144) }
```


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

```
.border{ border-color:rgb(202, 205, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 144);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1490, 17.7930, -19.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 144) }
```

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

```
.background{ background-color: rgb(202,  
205, 144) }
```

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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