

Converting Colors

YIQ(199.2130, 3.7140, -1.2300)

Have a look what the booklet for
YIQ(199.2130, 3.7140, -1.2300)
contains.

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Color

**YIQ(199.2130, 3.7140,
-1.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC7C1
RGB	202, 199, 193
RGB Percent	79%, 78%, 76%
CMY	0.2078, 0.2196, 0.2431
CMYK	0.00, 0.01, 0.04, 0.21
HSL	40°, 8%, 77%
HSV	40°, 4%, 79%
XYZ	54.4067, 57.2534, 58.6384
YIQ	199.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

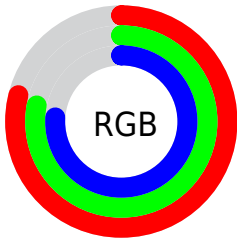
Format	Color
RYB	198, 202, 193
Decimal	13289409
CIELab	80.32, -0.03, 3.35
CIElCh	80, 3.354, 90.477
Yxy	57.2534, 0.3195, 0.3362
Android (android.graphics.Color)	4291479489 (0xFFCAC7C1)
YUV	199.2130, -3.0630, 2.4442
Hunter-Lab	75.6660, -4.0673, 7.0186

Details

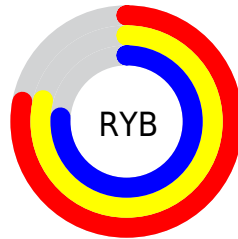
The YIQ color $199.2130, 3.7140, -1.2300$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $195.7870, -3.7140, 1.2300$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $145.3270, 3.3930, -0.9190$ is the 20% darker color. If you saturate the color by 10%, you get $192.8240, 12.0590, -3.7890$, and if you desaturate by 10%, it is $205.6020, -4.6310, 1.3290$.

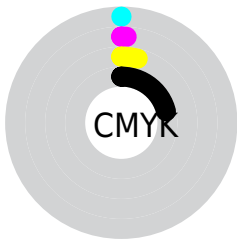
Distribution



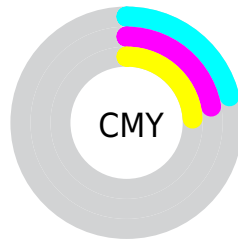
- Red (79%)
- Green (78%)
- Blue (76%)



- Red (78%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2130, 3.7140, -1.2300 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 199.2130, 3.7140, -1.2300 by changing the saturation by 10% instead.

■ 199.2130, 3.7140,
-1.2300

■ 199.2130, 3.7140,
-1.2300

■ 255.0000, -0.0000,
-0.0000

■ 172.2130, 3.7140,
-1.2300

■ 254.3160, 1.9260,
-1.8660

■ 145.3270, 3.3930,
-0.9190

■ 119.9140, 3.1180,
-1.4420

■ 95.0280, 2.7970,
-1.1310

■ 71.3270, 3.3930,
-0.9190

■ 49.0280, 2.7970,
-1.1310

■ 28.1420, 2.4760,

-0.8200

■ 1.1850, 0.9170,
-0.0990

■ 0.0000, 0.0000,
0.0000

■ 199.2130, 3.7140,
-1.2300

■ 199.2130, 3.7140,
-1.2300

■ 192.8240, 12.0590,
-3.7890

■ 205.6020, -4.6310,
1.3290

■ 187.0220, 20.1290,
-6.8710

■ 211.4040,
-12.7010, 4.4110

■ 180.5190, 28.7950,
-9.7410

■ 217.9070,
-21.3670, 7.2810

■ 174.1300, 37.1400,
-12.3000

■ 222.1300,
-23.6130, 3.9310

■ 167.7410, 45.4850,
-14.8590

■ 226.2390,
-25.5380, 0.2700

■ 161.9390, 53.5550,
-17.9410

■ 229.7610,
-27.1880, -2.8680

■ 155.5500, 61.9000,
-20.5000

■ 233.8700,
-29.1130, -6.5290

■ 149.0470, 70.5660,
-23.3700

■ 237.9790,
-31.0380, -10.1900

■ 142.6580, 78.9110,
-25.9290

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



199.6370, 5.4560, 0.2400



199.2130, 3.7140, -1.2300



198.7180, 0.7340, -2.2900

Triad

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



199.2130, 3.7140, -1.2300



198.4230, -5.6850, -1.5970



200.2500, 2.2920, 2.5160

Complementary

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



199.2130, 3.7140, -1.2300



195.7870, -3.7140, 1.2300

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.



199.3960, -1.0550, 2.6010



199.2130, 3.7140, -1.2300



198.4770, -5.7770, 0.0710

Square

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



199.2130, 3.7140, -1.2300



198.0810, -4.7220, -2.5300



198.7870, -3.7140, 1.2300



199.9190, 4.7220, 2.5300

Rectangle

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



199.2130, 3.7140, -1.2300



198.8210, -1.0540, -2.9260



198.7870, -3.7140, 1.2300



199.7660, 0.7790, 2.4030

Sweetspot

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



199.2130, 3.7140, -1.2300



254.0710, 1.2380, -0.4100



196.0330, 4.4010, 2.8410



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



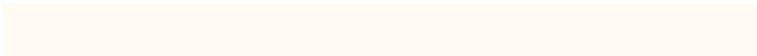
128.0000, -0.0000, -0.0000

Same Dimension

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



199.2130, 3.7140, -1.2300



251.1700, 5.2730, -1.9510



200.6750, 2.2930, -3.0110



100.1420, 2.4760, -0.8200



114.7910, 68.4110, -22.8610



26.6240, 15.4980, -5.5420

Inverse Universe

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



195.7870, -3.7140, 1.2300



245.8300, -5.2730, 1.9510



194.6240, -1.6970, 3.2230



97.8580, -2.4760, 0.8200



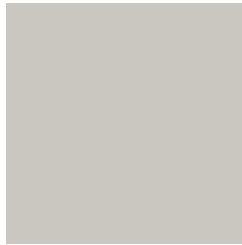
51.2090, -68.4110, 22.8610



11.9630, -15.7730, 5.0190

Previews

White Background



This preview shows how the YIQ color 199.2130, 3.7140, -1.2300 looks on a white background.

Color Contrast Check

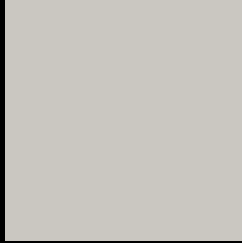
Large Text (above 18pt) WCAG AA × Fail

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 199.2130, 3.7140, -1.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

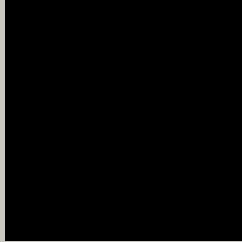
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.2130, 3.7140, -1.2300

Background



This preview shows how black text looks on a background with the YIQ color 199.2130, 3.7140, -1.2300.



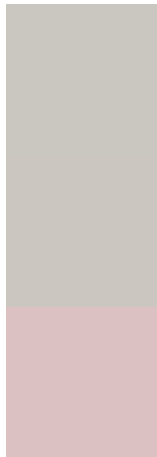
This preview shows how white text looks on a background with the YIQ color 199.2130, 3.7140,

-1.2300.

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

199.2130, 3.7140, -1.2300

Protanopia

199.2240, 5.1810, -0.2830

Deuteranopia

201.1870, 15.7710, 6.0350



Tritanopia

200.5150, 0.2280, 6.8840

Trichromacy



Original Color

199.2130, 3.7140, -1.2300

Protanomaly

198.9250, 4.5850, -0.4950

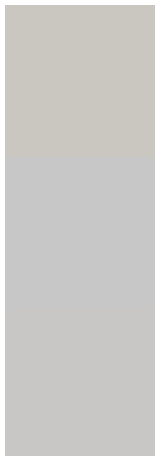
Deuteranomaly

200.2680, 11.0490, 3.5050

Tritanomaly

200.0050, 1.6040, 3.9720

Monochromacy



Original Color

199.2130, 3.7140, -1.2300

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0710, 1.2380, -0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2130, 3.7140, -1.2300 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, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 193)  
}
```

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, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 193) }
```

Border

The CSS property to change the border of an element to YIQ 199.2130, 3.7140, -1.2300 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, 199, 193) }
```


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

```
.border{ border-color:rgb(202, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 199, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 199, 193); box-shadow:4px 4px 4px 4px rgb(202, 199, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2130, 3.7140, -1.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 193) }
```

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

```
.background{ background-color: rgb(202,  
199, 193) }
```

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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