

Converting Colors

YIQ(199.4370, 34.1170,
-29.1070)

Have a look what the booklet for
YIQ(199.4370, 34.1170, -29.1070)
contains.

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Color

**YIQ(199.4370, 34.1170,
-29.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D170
RGB	214, 209, 112
RGB Percent	84%, 82%, 44%
CMY	0.1608, 0.1804, 0.5606
CMYK	0.00, 0.02, 0.48, 0.16
HSL	57°, 55%, 64%
HSV	57°, 48%, 84%
XYZ	53.4555, 61.0651, 24.3143
YIQ	199.4370, 34.1170, -29.1070

Conversions

Conversions Part 2

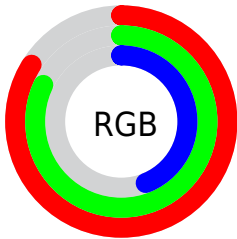
Format	Color
RYB	117, 214, 112
Decimal	14078320
CIELab	82.41, -11.48, 48.34
CIElCh	82, 49.685, 103.357
Yxy	61.0651, 0.3850, 0.4398
Android (android.graphics.Color)	4292268400 (0xFFD6D170)
YUV	199.4370, -43.1064, 12.7718
Hunter-Lab	78.1442, -14.6472, 36.2531

Details

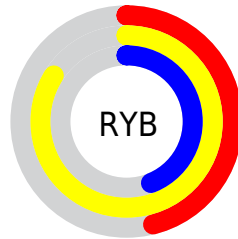
The YIQ color $199.4370, 34.1170, -29.1070$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $126.5630, -34.1170, 29.1070$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.8540, 28.5690, -27.6790$, and $144.7680, 31.6870, -29.1210$ is the 20% darker color. If you saturate the color by 10%, you get $196.4560, 41.1330, -35.1150$, and if you desaturate by 10%, it is $202.4180, 27.1010, -23.0990$.

Distribution



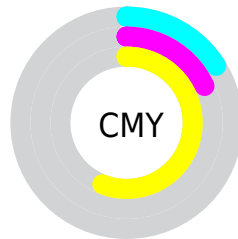
- Red (84%)
- Green (82%)
- Blue (44%)



- Red (46%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (2%)
- Yellow (48%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4370, 34.1170, -29.1070 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 199.4370, 34.1170, -29.1070 by changing the saturation by 10% instead.

■ 199.4370, 34.1170,
-29.1070

■ 199.4370, 34.1170,
-29.1070

■ 255.0000, -0.0000,
-0.0000

■ 171.3660, 32.8790,
-28.6970

■ 244.8540, 28.5690,
-27.6790

■ 144.8820, 31.3660,
-28.8100

■ 247.9320, 19.9020,
-19.2820

■ 118.4690, 31.0910,
-29.3330

■ 251.2380, 10.5930,
-10.2630

■ 92.0730, 32.1460,
-31.9340

■ 254.5440, 1.2840,
-1.2440

■ 69.9830, 23.8920,
-25.5160

■ 49.0070, 15.3170,
-18.7870

■ 29.2050, 6.1920,

-13.1040

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 199.4370, 34.1170,
-29.1070

■ 199.4370, 34.1170,
-29.1070

■ 196.4560, 41.1330,
-35.1150

■ 202.4180, 27.1010,
-23.0990

■ 193.3610, 48.4700,
-41.4340

■ 205.5130, 19.7640,
-16.7800

■ 190.3800, 55.4860,
-47.4420

■ 208.4940, 12.7480,
-10.7720

■ 187.2850, 62.8230,
-53.7610

■ 211.5890, 5.4110,
-4.4530

■ 184.3040, 69.8390,
-59.7690

■ 214.5700, -1.6050,
1.5550

■ 183.7340, 71.4440,
-61.3240

■ 217.5510, -8.6210,
7.5630

■ 219.8480,
-13.7110, 11.7050

■ 220.4350,
-13.9860, 11.1820

■ 221.0220,
-14.2610, 10.6590

Harmonies

Analogous

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



202.6460, 61.9900, -11.1140



199.4370, 34.1170, -29.1070



193.5550, -7.5580, -39.2540

Triad

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



199.4370, 34.1170, -29.1070



161.7320, -144.0050, -38.8930



203.1840, 30.1620, 37.0900

Complementary

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



199.4370, 34.1170, -29.1070



126.5630, -34.1170, 29.1070

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.



208.2290, 7.9260, 32.5820



199.4370, 34.1170, -29.1070



177.6780, -99.2140, -19.1340

Square

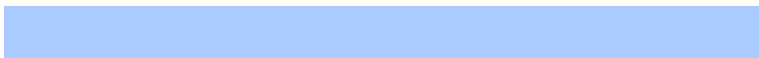
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.4370, 34.1170, -29.1070



160.6600, -135.4750, -50.3150



198.7620, -36.9560, 8.9640



196.0650, 46.0740, 24.0420

Rectangle

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



199.4370, 34.1170, -29.1070



187.6080, -41.4400, -41.9520



198.7620, -36.9560, 8.9640



207.2420, 24.2470, 39.6630

Sweetspot

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



199.4370, 34.1170, -29.1070



249.7220, 12.1060, -10.1500



143.0680, 59.1870, 23.1790



124.3180, 7.6120, -5.7960



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.



199.4370, 34.1170, -29.1070



234.3610, 48.4700, -41.4340



188.6180, 5.3260, -41.4740



105.7460, 3.5310, -3.4210



146.2230, 57.3660, -48.4740



36.9240, 14.3530, -12.3270

Inverse Universe

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



126.5630, -34.1170, 29.1070



130.6390, -48.4700, 41.4340



137.3820, -5.3260, 41.4740



97.8410, -3.8060, 2.8980



24.1900, -57.0910, 48.9970



6.0760, -14.3530, 12.3270

Previews

White Background



This preview shows how the YIQ color 199.4370, 34.1170, -29.1070 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 199.4370, 34.1170, -29.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

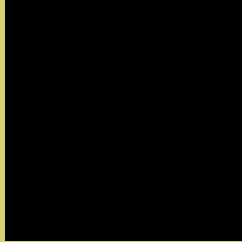
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4370, 34.1170, -29.1070

Background



This preview shows how black text looks on a background with the YIQ color 199.4370, 34.1170, -29.1070.



This preview shows how white text looks on a background with the YIQ color 199.4370, 34.1170,

-29.1070.

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

199.4370, 34.1170, -29.1070

Protanopia

200.5630, 42.6900, -24.7820

Deuteranopia

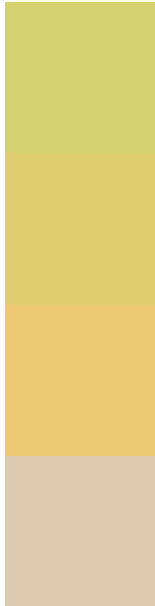
202.3250, 58.4600, -13.2200



Tritanopia

207.7830, 11.2770, 10.3890

Trichromacy



Original Color

199.4370, 34.1170, -29.1070

Protanomaly

199.9540, 40.0310, -26.1530

Deuteranomaly

201.2590, 49.6580, -18.9020

Tritanomaly

204.7170, 19.6700, -4.0580

Monochromacy



Original Color

199.4370, 34.1170, -29.1070

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1950, 12.1520, -10.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4370, 34.1170, -29.1070 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(214, 209, 112)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 112)  
}
```

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(214, 209, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 112) }
```

Border

The CSS property to change the border of an element to YIQ 199.4370, 34.1170, -29.1070 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(214, 209, 112) }
```


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

```
.border{ border-color:rgb(214, 209, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 112);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4370, 34.1170, -29.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 112) }
```

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

```
.background{ background-color: rgb(214,  
209, 112) }
```

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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