

Converting Colors

YIQ(199.5490, 37.2780,
-14.8020)

Have a look what the booklet for
YIQ(199.5490, 37.2780, -14.8020)
contains.

YIQ(199.5490, 37.2780, -14.8020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.5490, 37.2780,
-14.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C785
RGB	226, 199, 133
RGB Percent	89%, 78%, 52%
CMY	0.1137, 0.2196, 0.4782
CMYK	0.00, 0.12, 0.41, 0.11
HSL	43°, 62%, 70%
HSV	43°, 41%, 89%
XYZ	56.0238, 58.7061, 30.5873
YIQ	199.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

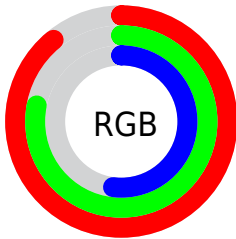
Format	Color
RYB	171, 226, 133
Decimal	14862213
CIELab	81.13, 0.56, 36.48
CIElCh	81, 36.484, 89.116
Yxy	58.7061, 0.3855, 0.4040
Android (android.graphics.Color)	4293052293 (0xFFE2C785)
YUV	199.5490, -32.8087, 23.1975
Hunter-Lab	76.6199, -3.5672, 29.9649

Details

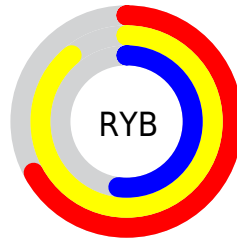
The YIQ color $199.5490, 37.2780, -14.8020$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $159.4510, -37.2780, 14.8020$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2480, 21.8280, -21.1480$, and $144.9940, 34.5270, -14.5050$ is the 20% darker color. If you saturate the color by 10%, you get $192.8180, 46.5860, -18.2940$, and if you desaturate by 10%, it is $206.2800, 27.9700, -11.3100$.

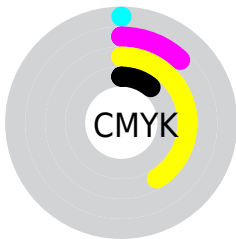
Distribution



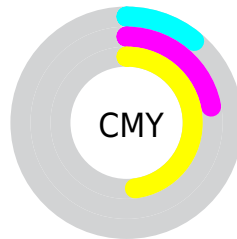
- Red (89%)
- Green (78%)
- Blue (52%)



- Red (67%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5490, 37.2780, -14.8020 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 199.5490, 37.2780, -14.8020 by changing the saturation by 10% instead.

■ 199.5490, 37.2780,
-14.8020

■ 199.5490, 37.2780,
-14.8020

255.0000, -0.0000,
-0.0000

■ 172.0650, 35.7650,
-14.9150

■ 247.2480, 21.8280,
-21.1480

■ 144.9940, 34.5270,
-14.5050

■ 250.4400, 12.8400,
-12.4400

■ 119.5100, 33.0140,
-14.6180

■ 253.7460, 3.5310,
-3.4210

■ 94.0260, 31.5010,
-14.7310

■ 69.9010, 30.3550,
-15.9890

■ 47.8990, 24.6690,
-12.0590

■ 28.6840, 15.2690,

-6.8990

■ 4.1530, 3.9430,
0.1270

■ 0.0000, 0.0000,
0.0000

■ 199.5490, 37.2780,
-14.8020

■ 199.5490, 37.2780,
-14.8020

■ 192.8180, 46.5860,
-18.2940

■ 206.2800, 27.9700,
-11.3100

■ 186.7880, 55.2980,
-21.9980

■ 212.3100, 19.2580,
-7.6060

■ 180.0570, 64.6060,
-25.4900

■ 219.0410, 9.9500,
-4.1140

■ 174.0270, 73.3180,
-29.1940

■ 225.0710, 1.2380,
-0.4100

■ 167.2960, 82.6260,
-32.6860

■ 231.8020, -8.0700,
3.0820

■ 161.4940, 90.6960,
-35.7680

■ 236.3500,
-12.6090, 2.7430

■ 240.4590,
-14.5340, -0.9180

■ 244.5680,
-16.4590, -4.5790

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



202.1310, 53.7350, 0.8310



199.5490, 37.2780, -14.8020



195.5670, 10.5040, -25.1760

Triad

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



199.5490, 37.2780, -14.8020



180.9430, -84.0830, -23.5310



206.8080, 19.2970, 30.2490

Complementary

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



199.5490, 37.2780, -14.8020



159.4510, -37.2780, 14.8020

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.



203.6560, -12.7500, 21.8260



199.5490, 37.2780, -14.8020



186.0830, -78.1250, -10.3570

Square

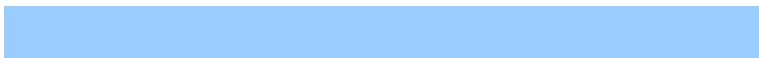
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.5490, 37.2780, -14.8020



185.0150, -58.2230, -29.6390



195.4510, -46.4460, 4.7380



202.8130, 38.0960, 25.4560

Rectangle

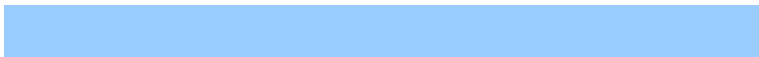
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.5490, 37.2780, -14.8020



193.0250, -11.4570, -29.1610



195.4510, -46.4460, 4.7380



206.3060, 9.0270, 29.1470

Sweetspot

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



199.5490, 37.2780, -14.8020



246.1830, 12.4260, -4.9340



163.9990, 46.4400, 28.4240



122.4260, 7.4280, -2.4600



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.



199.5490, 37.2780, -14.8020



219.6180, 50.0250, -20.0470



209.7170, 18.5290, -32.9510



108.9850, 4.3560, -1.8520



125.9990, 70.5210, -28.0630



34.3100, 19.2580, -7.6060

Inverse Universe

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



159.4510, -37.2780, 14.8020



165.3820, -50.0250, 20.0470



149.2830, -18.5290, 32.9510



104.0150, -4.3560, 1.8520



50.0010, -70.5210, 28.0630



13.6900, -19.2580, 7.6060

Previews

White Background



This preview shows how the YIQ color 199.5490, 37.2780, -14.8020 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 199.5490, 37.2780, -14.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

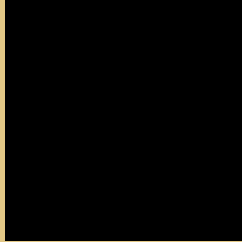
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5490, 37.2780, -14.8020

Background



This preview shows how black text looks on a background with the YIQ color 199.5490, 37.2780, -14.8020.



This preview shows how white text looks on a background with the YIQ color 199.5490, 37.2780, -14.8020.

-14.8020.

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

199.5490, 37.2780, -14.8020

Protanopia

199.3310, 31.9600, -17.5440

Deuteranopia

200.9250, 48.1430, -7.9610



Tritanopia

204.5670, 20.8130, 13.7810

Trichromacy



Original Color

199.5490, 37.2780, -14.8020

Protanomaly

199.6410, 34.0230, -16.3850

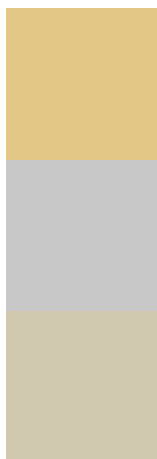
Deuteranomaly

200.3050, 44.0170, -10.2790

Tritanomaly

202.4670, 26.5460, 3.4900

Monochromacy



Original Color

199.5490, 37.2780, -14.8020

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5490, 37.2780, -14.8020 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(226, 199, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 133)  
}
```

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(226, 199, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 133) }
```

Border

The CSS property to change the border of an element to YIQ 199.5490, 37.2780, -14.8020 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(226, 199, 133) }
```


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

```
.border{ border-color:rgb(226, 199, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 199, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 199, 133);  
box-shadow:4px 4px 4px 4px rgb(226, 199,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5490, 37.2780, -14.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 133) }
```

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

```
.background{ background-color: rgb(226,  
199, 133) }
```

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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