

Converting Colors

YIQ(198.7480, 34.4390,
-34.9450)

Have a look what the booklet for
YIQ(198.7480, 34.4390, -34.9450)
contains.

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Color

**YIQ(198.7480, 34.4390,
-34.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D465
RGB	210, 212, 101
RGB Percent	82%, 83%, 40%
CMY	0.1765, 0.1686, 0.6037
CMYK	0.01, 0.00, 0.52, 0.17
HSL	61°, 56%, 61%
HSV	61°, 52%, 83%
XYZ	52.4683, 61.7268, 21.4756
YIQ	198.7480, 34.4390, -34.9450

Conversions

Conversions Part 2

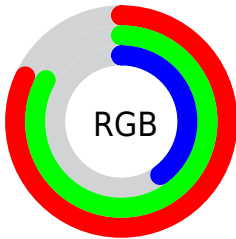
Format	Color
RYB	101, 212, 103
Decimal	13816933
CIELab	82.77, -15.56, 53.87
CIELCh	83, 56.073, 106.112
Yxy	61.7268, 0.3867, 0.4550
Android (android.graphics.Color)	4292007013 (0xFFD2D465)
YUV	198.7480, -48.1898, 9.8680
Hunter-Lab	78.5664, -18.2851, 38.7900

Details

The YIQ color $198.7480, 34.4390, -34.9450$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $114.2520, -34.4390, 34.9450$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6000, 32.1000, -31.1000$, and $143.9650, 32.3300, -35.2700$ is the 20% darker color. If you saturate the color by 10%, you get $196.3540, 41.1800, -41.4760$, and if you desaturate by 10%, it is $201.1420, 27.6980, -28.4140$.

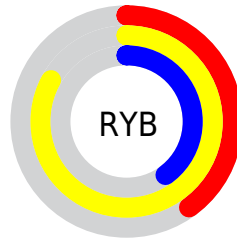
Distribution



Red (82%)

Green (83%)

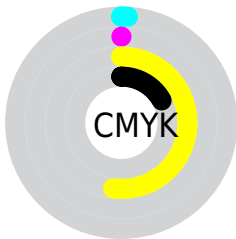
Blue (40%)



Red (40%)

Yellow (83%)

Blue (40%)

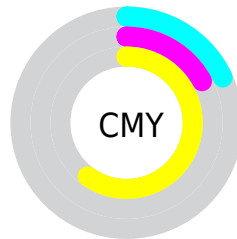


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (17%)



Cyan (18%)


Magenta (17%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7480, 34.4390, -34.9450 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 198.7480, 34.4390, -34.9450 by changing the saturation by 10% instead.


 198.7480, 34.4390,
-34.9450


 198.7480, 34.4390,
-34.9450


255.0000, -0.0000,
-0.0000


 170.6770, 33.2010,
-34.5350


 243.6000, 32.1000,
-31.1000


 143.9650, 32.3300,
-35.2700


 246.7920, 23.1120,
-22.3920


 117.2100, 33.0180,
-36.7260

 249.9840, 14.1240,
-13.6840

 91.8230, 29.8540,
-34.4500

 253.2900, 4.8150,
-4.6650

 69.9610, 20.9580,
-27.4100

 48.6860, 11.7870,
-20.8930

 28.8840, 2.6620,

-15.2100

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 198.7480, 34.4390,
-34.9450

■ 198.7480, 34.4390,
-34.9450

■ 196.3540, 41.1800,
-41.4760

■ 201.1420, 27.6980,
-28.4140

■ 193.6610, 47.3250,
-48.2190

■ 203.8350, 21.5530,
-21.6710

■ 191.1530, 54.3870,
-55.0610

■ 206.3430, 14.4910,
-14.8290

■ 188.4600, 60.5320,
-61.8040

■ 209.0360, 8.3460,
-8.0860

■ 186.6360, 65.6680,
-66.7800

■ 211.4300, 1.6050,
-1.5550

■ 213.8240, -5.1360,
4.9760

■ 216.5170,
-11.2810, 11.7190

■ 217.2010,
-13.2070, 13.5850

Harmonies

Analogous

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



201.7510, 65.8880, -15.6800



198.7480, 34.4390, -34.9450



191.7450, -14.2050, -45.4450

Triad

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



198.7480, 34.4390, -34.9450



163.4930, -144.8300, -40.4620



199.6620, 31.8120, 40.2280

Complementary

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



198.7480, 34.4390, -34.9450



114.2520, -34.4390, 34.9450

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.



209.1700, 15.5820, 37.0060



198.7480, 34.4390, -34.9450



163.9020, -129.5640, -30.7800

Square

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



198.7480, 34.4390, -34.9450



163.4470, -139.1890, -49.0850



198.4740, -36.0850, 9.6990



192.4460, 49.3750, 24.7910

Rectangle

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



198.7480, 34.4390, -34.9450



183.2640, -55.3310, -49.0190



198.4740, -36.0850, 9.6990



203.9480, 25.2550, 43.4230

Sweetspot

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



198.7480, 34.4390, -34.9450



250.0270, 12.5650, -12.9630



135.3630, 65.6060, 22.4860



124.8510, 7.4290, -7.9870



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.



198.7480, 34.4390, -34.9450



235.7490, 49.8930, -50.7070



182.3030, 1.6590, -46.6050



105.7460, 3.5310, -3.4210



150.6090, 53.1030, -53.8170



38.0980, 13.8030, -13.3730

Inverse Universe

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



114.2520, -34.4390, 34.9450



113.2510, -49.8930, 50.7070



130.6970, -1.6590, 46.6050



97.5530, -2.9350, 3.6330



20.3910, -53.1030, 53.8170



5.2010, -13.2070, 13.5850

Previews

White Background



This preview shows how the YIQ color 198.7480, 34.4390, -34.9450 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 198.7480, 34.4390, -34.9450 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 198.7480, 34.4390, -34.9450

Background



This preview shows how black text looks on a background with the YIQ color 198.7480, 34.4390, -34.9450.



This preview shows how white text looks on a background with the YIQ color 198.7480, 34.4390, -34.9450.

-34.9450.

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

198.7480, 34.4390, -34.9450

Protanopia

200.3800, 47.4590, -28.6130

Deuteranopia

202.6690, 63.1830, -16.2170



Tritanopia

208.2880, 8.2970, 9.3290

Trichromacy



Original Color

198.7480, 34.4390, -34.9450

Protanomaly

199.5750, 42.4160, -30.8320

Deuteranomaly

201.2930, 52.3180, -23.0580

Tritanomaly

204.7660, 17.9740, -6.3620

Monochromacy



Original Color

198.7480, 34.4390, -34.9450

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0270, 12.5650, -12.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7480, 34.4390, -34.9450 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(210, 212, 101)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 101)  
}
```

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(210, 212, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 101) }
```

Border

The CSS property to change the border of an element to YIQ 198.7480, 34.4390, -34.9450 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(210, 212, 101) }
```


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

```
.border{ border-color:rgb(210, 212, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 101);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7480, 34.4390, -34.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 101) }
```

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

```
.background{ background-color: rgb(210,  
212, 101) }
```

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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