

Converting Colors

YIQ(200.4500, 14.9070,
-33.3890)

Have a look what the booklet for
YIQ(200.4500, 14.9070, -33.3890)
contains.

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Color

**YIQ(200.4500, 14.9070,
-33.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DA7F
RGB	194, 218, 127
RGB Percent	76%, 85%, 50%
CMY	0.2393, 0.1450, 0.5018
CMYK	0.11, 0.00, 0.42, 0.15
HSL	76°, 55%, 68%
HSV	76°, 42%, 85%
XYZ	51.1476, 63.1466, 29.5827
YIQ	200.4500, 14.9070, -33.3890

Conversions

Conversions Part 2

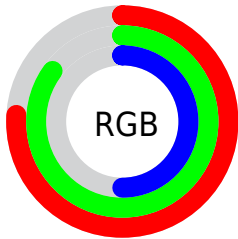
Format	Color
RYB	127, 218, 151
Decimal	12769919
CIELab	83.52, -22.27, 42.05
CIELCh	84, 47.583, 117.908
Yxy	63.1466, 0.3555, 0.4389
Android (android.graphics.Color)	4290959999 (0xFFC2DA7F)
YUV	200.4500, -36.2108, -5.6566
Hunter-Lab	79.4648, -24.1718, 33.5532

Details

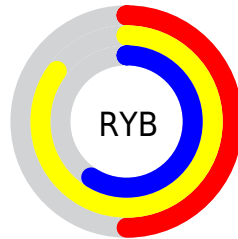
The YIQ color $200.4500, 14.9070, -33.3890$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $144.5500, -14.9070, 33.3890$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6670, 21.9660, -23.6500$, and $145.9060, 13.6230, -32.1450$ is the 20% darker color. If you saturate the color by 10%, you get $196.1480, 18.3930, -41.5030$, and if you desaturate by 10%, it is $204.7520, 11.4210, -25.2750$.

Distribution



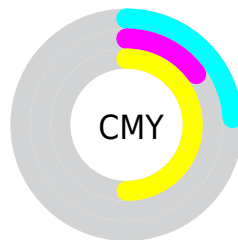
- Red (76%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.4500, 14.9070, -33.3890 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 200.4500, 14.9070, -33.3890 by changing the saturation by 10% instead.

■ 200.4500, 14.9070,
-33.3890

■ 200.4500, 14.9070,
-33.3890

255.0000, -0.0000,
-0.0000

■ 172.6780, 14.2650,
-32.7670

■ 245.6670, 21.9660,
-23.6500

■ 145.9060, 13.6230,
-32.1450

■ 249.7560, 14.7660,
-14.3060

■ 119.7210, 12.7060,
-32.0460

■ 253.0620, 5.4570,
-5.2870

■ 93.7210, 12.7060,
-32.0460

■ 69.3080, 12.4310,
-32.5690

■ 48.3430, 5.3230,
-24.8930

■ 27.0570, -5.3150,

-19.3230

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 200.4500, 14.9070,
-33.3890

■ 200.4500, 14.9070,
-33.3890

■ 196.1480, 18.3930,
-41.5030

■ 204.7520, 11.4210,
-25.2750

■ 191.8460, 21.8790,
-49.6170

■ 208.7550, 7.3390,
-17.3730

■ 187.9570, 25.6400,
-57.2080

■ 212.9430, 4.1740,
-9.5700

■ 183.6550, 29.1260,
-65.3220

■ 217.2450, 0.6880,
-1.4560

■ 179.3530, 32.6120,
-73.4360

■ 221.5470, -2.7980,
6.6580

■ 175.8060, 35.4100,
-80.0940

■ 225.5070, -5.3210,
13.8390

■ 227.0020, -2.3410,
14.8990

■ 228.7960, 1.2350,
16.1710

■ 230.5900, 4.8110,
17.4430

Harmonies

Analogous

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



204.9600, 49.0620, -19.1140



200.4500, 14.9070, -33.3890



193.2350, -30.0240, -39.5920

Triad

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



200.4500, 14.9070, -33.3890



165.6300, -134.7900, -35.1900



202.0780, 36.0320, 29.8240

Complementary

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



200.4500, 14.9070, -33.3890



144.5500, -14.9070, 33.3890

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.



212.1490, 20.0750, 38.1790



200.4500, 14.9070, -33.3890



194.7540, -60.8410, -4.2090

Square

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



200.4500, 14.9070, -33.3890



163.9830, -143.4540, -43.3740



207.4880, -12.3370, 19.8470



198.8230, 49.3310, 14.5710

Rectangle

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



200.4500, 14.9070, -33.3890



186.3310, -65.4650, -41.5690



207.4880, -12.3370, 19.8470



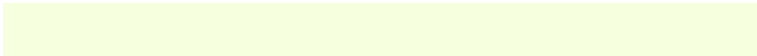
204.9620, 30.6670, 33.4430

Sweetspot

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



200.4500, 14.9070, -33.3890



248.5470, 5.2290, -12.1710



167.7100, 47.9110, 7.2630



123.8120, 3.1650, -7.8030



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.



200.4500, 14.9070, -33.3890



230.3560, 20.5030, -46.7050



187.2940, -11.3170, -42.7170



107.8490, 1.7430, -4.0570



139.8230, 28.7130, -63.3430



37.1680, 7.6140, -16.8500

Inverse Universe

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



144.5500, -14.9070, 33.3890



152.3450, -21.0990, 46.4930



157.7060, 11.3170, 42.7170



101.1510, -1.7430, 4.0570



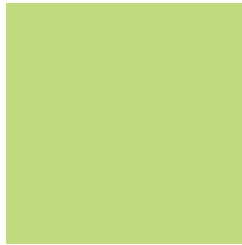
33.4760, -28.1170, 63.5550



8.8320, -7.6140, 16.8500

Previews

White Background



This preview shows how the YIQ color 200.4500, 14.9070, -33.3890 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 200.4500, 14.9070, -33.3890 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 200.4500, 14.9070, -33.3890

Background



This preview shows how black text looks on a background with the YIQ color 200.4500, 14.9070, -33.3890.



This preview shows how white text looks on a background with the YIQ color 200.4500, 14.9070,

-33.3890.

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

200.4500, 14.9070, -33.3890

Protanopia

203.9910, 38.6090, -22.4070

Deuteranopia

206.3230, 52.7740, -9.2900



Tritanopia

208.5250, -5.7320, 4.7640

Trichromacy



Original Color

200.4500, 14.9070, -33.3890

Protanomaly

202.8650, 30.0360, -26.7320

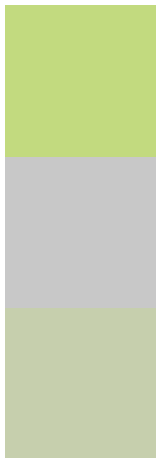
Deuteranomaly

203.9250, 38.9750, -18.0250

Tritanomaly

205.6870, 2.0190, -9.0610

Monochromacy



Original Color

200.4500, 14.9070, -33.3890

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.4330, 5.5500, -12.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4500, 14.9070, -33.3890 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(194, 218, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 127)  
}
```

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(194, 218, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 127) }
```

Border

The CSS property to change the border of an element to YIQ 200.4500, 14.9070, -33.3890 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(194, 218, 127) }
```


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

```
.border{ border-color:rgb(194, 218, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4500, 14.9070, -33.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 127) }
```

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

```
.background{ background-color: rgb(194,  
218, 127) }
```

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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