

Converting Colors

YIQ(200.4890, 11.1440,
-14.7440)

Have a look what the booklet for
YIQ(200.4890, 11.1440, -14.7440)
contains.

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Color

**YIQ(200.4890, 11.1440,
-14.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFA3
RGB	202, 207, 163
RGB Percent	79%, 81%, 64%
CMY	0.2079, 0.1882, 0.3607
CMYK	0.02, 0.00, 0.21, 0.19
HSL	67°, 31%, 73%
HSV	67°, 21%, 81%
XYZ	53.2804, 59.8268, 43.3993
YIQ	200.4890, 11.1440, -14.7440

Conversions

Conversions Part 2

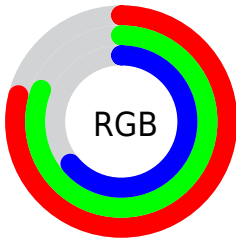
Format	Color
RYB	163, 207, 168
Decimal	13291427
CIELab	81.74, -9.04, 21.34
CIElCh	82, 23.174, 112.967
Yxy	59.8268, 0.3404, 0.3823
Android (android.graphics.Color)	4291481507 (0xFFCACFA3)
YUV	200.4890, -18.4821, 1.3251
Hunter-Lab	77.3478, -12.4005, 20.8763

Details

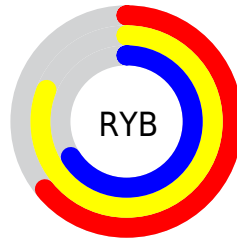
The YIQ color $200.4890, 11.1440, -14.7440$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $169.5110, -11.1440, 14.7440$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, 11.8770, -11.5070$, and $146.7170, 10.5020, -14.1220$ is the 20% darker color. If you saturate the color by 10%, you get $197.4970, 16.6930, -21.6990$, and if you desaturate by 10%, it is $203.4810, 5.5950, -7.7890$.

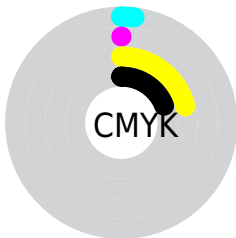
Distribution



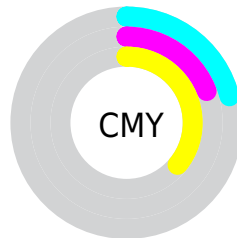
- Red (79%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.4890, 11.1440, -14.7440 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 200.4890, 11.1440, -14.7440 by changing the saturation by 10% instead.

■ 200.4890, 11.1440,
-14.7440

■ 200.4890, 11.1440,
-14.7440

255.0000, -0.0000,
-0.0000

■ 172.7170, 10.5020,
-14.1220

■ 250.7820, 11.8770,
-11.5070

■ 146.7170, 10.5020,
-14.1220

■ 254.0880, 2.5680,
-2.4880

■ 120.8310, 10.1810,
-13.8110

■ 95.7600, 8.9430,
-13.4010

■ 71.8740, 8.6220,
-13.0900

■ 49.1020, 7.9800,
-12.4680

■ 28.6290, 7.9340,

-11.6340

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 200.4890, 11.1440,
-14.7440

■ 200.4890, 11.1440,
-14.7440

■ 197.4970, 16.6930,
-21.6990

■ 203.4810, 5.5950,
-7.7890

■ 194.3200, 21.3250,
-28.5550

■ 206.6580, 0.9630,
-0.9330

■ 191.3280, 26.8740,
-35.5100

■ 209.6500, -4.5860,
6.0220

■ 188.3360, 32.4230,
-42.4650

■ 212.6420,
-10.1350, 12.9770

■ 185.1590, 37.0550,
-49.3210

■ 214.5650,
-11.2360, 16.4120

■ 182.1670, 42.6040,
-56.2760

■ 215.1630,
-10.0440, 16.8360

■ 178.8760, 47.5570,
-63.4430

■ 216.0600, -8.2560,
17.4720

■ 176.2260, 52.1430,
-69.4650

■ 216.6580, -7.0640,
17.8960

■ 217.2560, -5.8720,
18.3200

Harmonies

Analogous

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



202.9150, 27.7400, -7.1400



200.4890, 11.1440, -14.7440



197.4310, -9.3040, -18.6160

Triad

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



200.4890, 11.1440, -14.7440



196.0130, -45.5730, -5.5810



206.8390, 26.0390, 18.1910

Complementary

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



200.4890, 11.1440, -14.7440



169.5110, -11.1440, 14.7440

Split Complementary

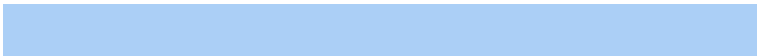
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.4980, 8.0660, 19.0260



200.4890, 11.1440, -14.7440



200.6820, -33.9750, 4.4970

Square

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



200.4890, 11.1440, -14.7440



194.2270, -43.6000, -13.8080



204.3150, -13.5280, 13.8960



206.4130, 35.8060, 11.8860

Rectangle

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



200.4890, 11.1440, -14.7440



196.3030, -23.5630, -19.0110



204.3150, -13.5280, 13.8960



207.0280, 21.1330, 18.9970

Sweetspot

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



200.4890, 11.1440, -14.7440



252.6920, 3.6230, -5.0890



178.5040, 25.1240, 7.2360



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



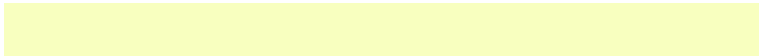
128.0000, -0.0000, -0.0000

Same Dimension

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



200.4890, 11.1440, -14.7440



245.6110, 16.3720, -21.3880



194.2100, -1.3720, -19.1960



103.1480, 2.3390, -3.8450



143.1670, 42.6040, -56.2760



34.8310, 10.1810, -13.8110

Inverse Universe

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



169.5110, -11.1440, 14.7440



200.6880, -15.7760, 21.6000



175.7900, 1.3720, 19.1960



95.5530, -2.9350, 3.6330



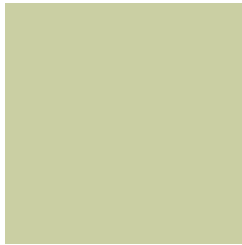
24.8330, -42.6040, 56.2760



6.1690, -10.1810, 13.8110

Previews

White Background



This preview shows how the YIQ color 200.4890, 11.1440, -14.7440 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 200.4890, 11.1440, -14.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

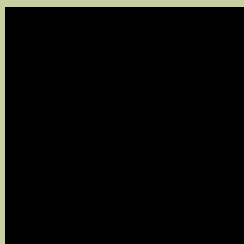
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

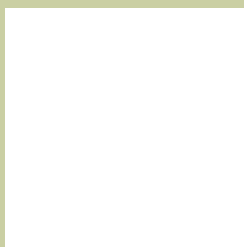
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.4890, 11.1440, -14.7440

Background



This preview shows how black text looks on a background with the YIQ color 200.4890, 11.1440, -14.7440.



This preview shows how white text looks on a background with the YIQ color 200.4890, 11.1440, -14.7440.

-14.7440.

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

200.4890, 11.1440, -14.7440

Protanopia

202.0990, 21.2300, -10.3060

Deuteranopia

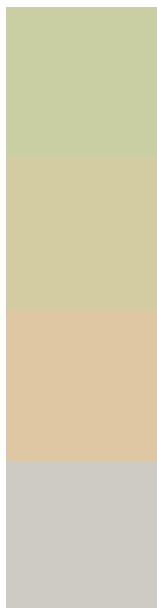
203.8390, 34.0660, -0.6380



Tritanopia

204.5150, 0.2280, 6.8840

Trichromacy



Original Color

200.4890, 11.1440, -14.7440

Protanomaly

201.3050, 17.6540, -11.5780

Deuteranomaly

202.4850, 26.1350, -5.5850

Tritanomaly

203.2130, 3.7140, -1.2300

Monochromacy



Original Color

200.4890, 11.1440, -14.7440

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.5780, 3.9440, -5.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4890, 11.1440, -14.7440 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, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 163)  
}
```

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, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 163) }
```

Border

The CSS property to change the border of an element to YIQ 200.4890, 11.1440, -14.7440 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, 207, 163) }
```


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

```
.border{ border-color:rgb(202, 207, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4890, 11.1440, -14.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 163) }
```

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

```
.background{ background-color: rgb(202,  
207, 163) }
```

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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