

Converting Colors

YIQ(202.8400, 13.9890,
-27.7630)

Have a look what the booklet for
YIQ(202.8400, 13.9890, -27.7630)
contains.

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Color

**YIQ(202.8400, 13.9890,
-27.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D98C
RGB	199, 217, 140
RGB Percent	78%, 85%, 55%
CMY	0.2197, 0.1490, 0.4509
CMYK	0.08, 0.00, 0.35, 0.15
HSL	74°, 50%, 70%
HSV	74°, 35%, 85%
XYZ	53.0976, 63.6628, 34.3119
YIQ	202.8400, 13.9890, -27.7630

Conversions

Conversions Part 2

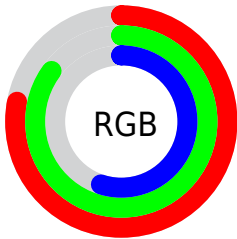
Format	Color
RYB	140, 217, 158
Decimal	13097356
CIELab	83.79, -18.33, 35.95
CIElCh	84, 40.356, 117.018
Yxy	63.6628, 0.3515, 0.4214
Android (android.graphics.Color)	4291287436 (0xFFC7D98C)
YUV	202.8400, -30.9801, -3.3677
Hunter-Lab	79.7890, -20.8433, 30.3556

Details

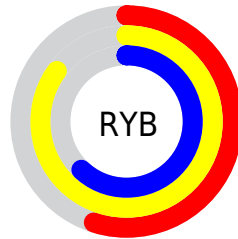
The YIQ color $202.8400, 13.9890, -27.7630$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $154.1600, -13.9890, 27.7630$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $148.2960, 12.7050, -26.5190$ is the 20% darker color. If you saturate the color by 10%, you get $198.8370, 18.0710, -35.6650$, and if you desaturate by 10%, it is $206.8430, 9.9070, -19.8610$.

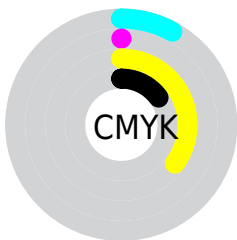
Distribution



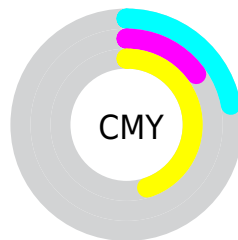
- Red (78%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.8400, 13.9890, -27.7630 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 202.8400, 13.9890, -27.7630 by changing the saturation by 10% instead.

■ 202.8400, 13.9890,
-27.7630

■ 202.8400, 13.9890,
-27.7630

■ 255.0000, -0.0000,
-0.0000

■ 175.0680, 13.3470,
-27.1410

■ 248.0460, 19.5810,
-18.9710

■ 148.2960, 12.7050,
-26.5190

■ 251.3520, 10.2720,
-9.9520

■ 122.4100, 12.3840,
-26.2080

■ 254.5440, 1.2840,
-1.2440

■ 97.2250, 11.4670,
-26.1090

■ 72.2250, 11.4670,
-26.1090

■ 50.1370, 8.8990,
-23.6210

■ 30.0470, 0.6450,

-17.2030

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 202.8400, 13.9890,
-27.7630

■ 202.8400, 13.9890,
-27.7630

■ 198.8370, 18.0710,
-35.6650

■ 206.8430, 9.9070,
-19.8610

■ 194.9480, 21.8320,
-43.2560

■ 210.7320, 6.1460,
-12.2700

■ 190.9450, 25.9140,
-51.1580

■ 214.7350, 2.0640,
-4.3680

■ 186.9420, 29.9960,
-59.0600

■ 218.7380, -2.0180,
3.5340

■ 183.0530, 33.7570,
-66.6510

■ 222.7410, -6.1000,
11.4360

■ 178.7510, 37.2430,
-74.7650

■ 224.9200, -5.0460,
14.3620

■ 177.0130, 39.2610,
-78.2990

■ 226.7140, -1.4700,
15.6340

■ 228.2090, 1.5100,
16.6940

■ 229.7040, 4.4900,
17.7540

Harmonies

Analogous

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



206.6590, 42.7800, -15.3960



202.8400, 13.9890, -27.7630



197.0450, -23.3770, -33.4010

Triad

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



202.8400, 13.9890, -27.7630



187.7670, -89.2190, -18.5550



206.3010, 33.7860, 26.4740

Complementary

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



202.8400, 13.9890, -27.7630



154.1600, -13.9890, 27.7630

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.



214.3290, 19.3880, 34.1080



202.8400, 13.9890, -27.7630



199.5380, -51.3050, -0.8170

Square

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



202.8400, 13.9890, -27.7630



183.2400, -98.3410, -29.4530



208.6620, -12.8870, 18.8010



203.1430, 45.4340, 13.6100

Rectangle

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



202.8400, 13.9890, -27.7630



192.3870, -50.7030, -33.7670



208.6620, -12.8870, 18.8010



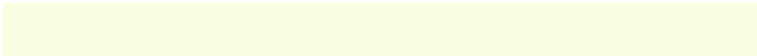
208.9570, 29.0630, 29.4710

Sweetspot

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



202.8400, 13.9890, -27.7630



249.7150, 4.8160, -10.1920



173.5890, 40.9420, 6.9100



124.8660, 3.0730, -6.1350



0.0000, 0.0000, 0.0000



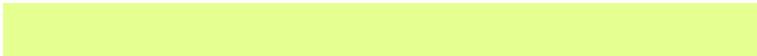
128.0000, -0.0000, -0.0000

Same Dimension

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



202.8400, 13.9890, -27.7630



234.6860, 19.8140, -39.7220



191.4780, -8.6590, -35.8190



107.8490, 1.7430, -4.0570



141.3180, 31.6930, -62.2830



37.4670, 8.2100, -16.6380

Inverse Universe

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



154.1600, -13.9890, 27.7630



165.3140, -19.8140, 39.7220



165.5220, 8.6590, 35.8190



100.8520, -2.3390, 3.8450



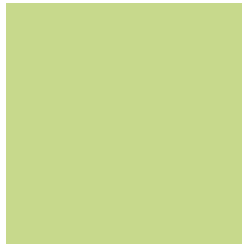
31.9810, -31.0970, 62.4950



8.5330, -8.2100, 16.6380

Previews

White Background



This preview shows how the YIQ color 202.8400, 13.9890, -27.7630 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 202.8400, 13.9890, -27.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

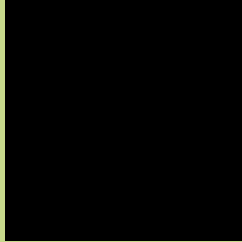
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.8400, 13.9890, -27.7630

Background



This preview shows how black text looks on a background with the YIQ color 202.8400, 13.9890, -27.7630.



This preview shows how white text looks on a background with the YIQ color 202.8400, 13.9890,

-27.7630.

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

202.8400, 13.9890, -27.7630

Protanopia

206.1740, 33.8400, -18.5760

Deuteranopia

208.2670, 47.1800, -7.0280



Tritanopia

209.7210, -3.3480, 5.6120

Trichromacy



Original Color

202.8400, 13.9890, -27.7630

Protanomaly

205.0590, 26.7340, -21.9540

Deuteranomaly

206.2930, 35.1230, -14.2930

Tritanomaly

207.4530, 2.7980, -6.6580

Monochromacy



Original Color

202.8400, 13.9890, -27.7630

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0140, 5.4120, -9.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.8400, 13.9890, -27.7630 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(199, 217, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 140)  
}
```

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(199, 217, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 140) }
```

Border

The CSS property to change the border of an element to YIQ 202.8400, 13.9890, -27.7630 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(199, 217, 140) }
```


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

```
.border{ border-color:rgb(199, 217, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 202.8400, 13.9890, -27.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 140) }
```

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

```
.background{ background-color: rgb(199,  
217, 140) }
```

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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