

Converting Colors

YIQ(200.1700, 13.3000,
-20.7800)

Have a look what the booklet for
YIQ(200.1700, 13.3000, -20.7800)
contains.

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Color

**YIQ(200.1700, 13.3000,
-20.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D296
RGB	200, 210, 150
RGB Percent	78%, 82%, 59%
CMY	0.2157, 0.1764, 0.4117
CMYK	0.05, 0.00, 0.29, 0.18
HSL	70°, 40%, 71%
HSV	70°, 29%, 82%
XYZ	52.3699, 60.5752, 37.7968
YIQ	200.1700, 13.3000, -20.7800

Conversions

Conversions Part 2

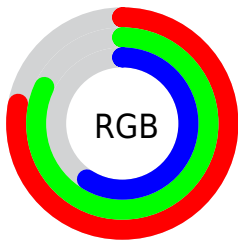
Format	Color
RYB	150, 210, 160
Decimal	13161110
CIELab	82.15, -13.15, 28.66
CIELCh	82, 31.538, 114.650
Yxy	60.5752, 0.3474, 0.4018
Android (android.graphics.Color)	4291351190 (0xFFC8D296)
YUV	200.1700, -24.7338, -0.1491
Hunter-Lab	77.8301, -16.0945, 25.6879

Details

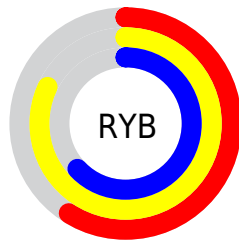
The YIQ color $200.1700, 13.3000, -20.7800$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.8300, -13.3000, 20.7800$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.3000, 16.0500, -15.5500$, and $146.2130, 11.7410, -20.0590$ is the 20% darker color. If you saturate the color by 10%, you get $196.5800, 17.6570, -28.1590$, and if you desaturate by 10%, it is $203.4610, 8.3470, -13.6130$.

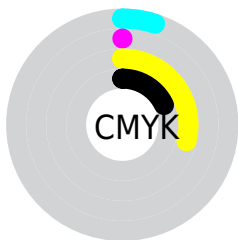
Distribution



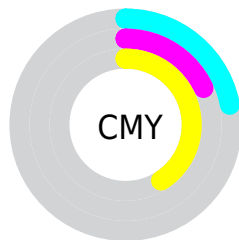
- Red (78%)
- Green (82%)
- Blue (59%)



- Red (59%)
- Yellow (82%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1700, 13.3000, -20.7800 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 200.1700, 13.3000, -20.7800 by changing the saturation by 10% instead.

■ 200.1700, 13.3000,
-20.7800

■ 200.1700, 13.3000,
-20.7800

255.0000, -0.0000,
-0.0000

■ 172.3980, 12.6580,
-20.1580

■ 249.3000, 16.0500,
-15.5500

■ 146.2130, 11.7410,
-20.0590

■ 252.4920, 7.0620,
-6.8420

■ 120.3270, 11.4200,
-19.7480

■ 94.9680, 11.0530,
-18.6030

■ 70.7830, 10.1360,
-18.5040

■ 47.6690, 10.4570,
-18.8150

■ 28.3080, 4.4040,

-13.7400

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 200.1700, 13.3000,
-20.7800

■ 200.1700, 13.3000,
-20.7800

■ 196.5800, 17.6570,
-28.1590

■ 203.4610, 8.3470,
-13.6130

■ 193.2890, 22.6100,
-35.3260

■ 207.0510, 3.9900,
-6.2340

■ 189.6990, 26.9670,
-42.7050

■ 210.6410, -0.3670,
1.1450

■ 186.4080, 31.9200,
-49.8720

■ 213.9320, -5.3200,
8.3120

■ 182.8180, 36.2770,
-57.2510

■ 217.5220, -9.6770,
15.6910

■ 179.5270, 41.2300,
-64.4180

■ 218.4190, -7.8890,
16.3270

■ 175.9370, 45.5870,
-71.7970

■ 219.6150, -5.5050,
17.1750

■ 175.5950, 46.5500,
-72.7300

■ 220.5120, -3.7170,
17.8110

■ 221.7080, -1.3330,
18.6590

Harmonies

Analogous

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



203.7000, 35.5350, -10.7450



200.1700, 13.3000, -20.7800



196.2790, -14.9880, -25.7400

Triad

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



200.1700, 13.3000, -20.7800



192.5960, -66.3880, -8.3080



207.7200, 33.9240, 23.9720

Complementary

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



200.1700, 13.3000, -20.7800



159.8300, -13.3000, 20.7800

Split Complementary

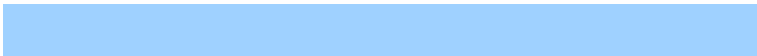
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209.0520, 12.5580, 25.7260



200.1700, 13.3000, -20.7800



199.2940, -44.5660, 3.7060

Square

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



200.1700, 13.3000, -20.7800



189.2180, -65.7440, -19.9840



206.2810, -16.1880, 18.0520



204.8870, 43.2790, 14.1190

Rectangle

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



200.1700, 13.3000, -20.7800



193.6280, -35.0240, -26.0640



206.2810, -16.1880, 18.0520



208.8490, 29.2470, 26.1350

Sweetspot

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



200.1700, 13.3000, -20.7800



251.1820, 4.9990, -8.0010



173.8100, 33.0100, 7.4900



125.3930, 3.0270, -5.3010



0.0000, 0.0000, 0.0000



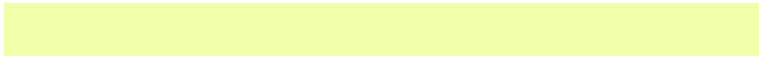
128.0000, -0.0000, -0.0000

Same Dimension

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



200.1700, 13.3000, -20.7800



240.8960, 19.5830, -30.0250



191.2000, -4.5800, -27.1400



103.1480, 2.3390, -3.8450



140.4760, 37.2400, -58.1840



34.2330, 8.9890, -14.2350

Inverse Universe

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



159.8300, -13.3000, 20.7800



182.4030, -18.9870, 30.2370



168.8000, 4.5800, 27.1400



95.8520, -2.3390, 3.8450



27.5240, -37.2400, 58.1840



6.7670, -8.9890, 14.2350

Previews

White Background



This preview shows how the YIQ color 200.1700, 13.3000, -20.7800 looks on a white background.

Color Contrast Check

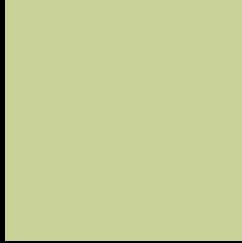
Large Text (above 18pt) WCAG AA × Fail

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 200.1700, 13.3000, -20.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

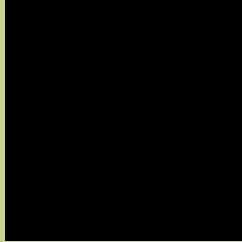
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

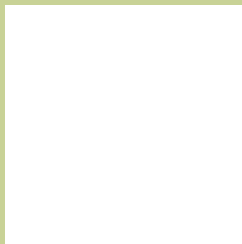
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.1700, 13.3000, -20.7800

Background



This preview shows how black text looks on a background with the YIQ color 200.1700, 13.3000, -20.7800.



This preview shows how white text looks on a background with the YIQ color 200.1700, 13.3000,

-20.7800.

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

200.1700, 13.3000, -20.7800

Protanopia

202.2860, 27.8330, -14.3350

Deuteranopia

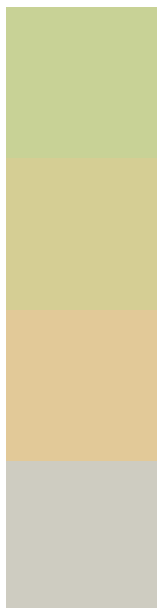
204.5530, 40.6230, -3.8330



Tritanopia

205.2160, -0.3680, 6.6720

Trichromacy



Original Color

200.1700, 13.3000, -20.7800

Protanomaly

201.4810, 22.7900, -16.5540

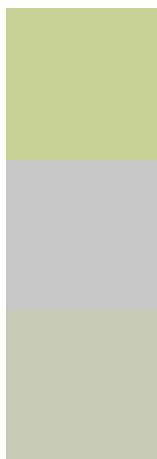
Deuteranomaly

202.8890, 30.6290, -9.9390

Tritanomaly

203.3440, 4.7230, -2.9970

Monochromacy



Original Color

200.1700, 13.3000, -20.7800

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.2960, 4.6780, -7.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.1700, 13.3000, -20.7800 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(200, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 150)  
}
```

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(200, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 150) }
```

Border

The CSS property to change the border of an element to YIQ 200.1700, 13.3000, -20.7800 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(200, 210, 150) }
```


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

```
.border{ border-color:rgb(200, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 200.1700, 13.3000, -20.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 150) }
```

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

```
.background{ background-color: rgb(200,  
210, 150) }
```

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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