

Converting Colors

YIQ(200.2850, 2.0700, -37.5300)

Have a look what the booklet for
YIQ(200.2850, 2.0700, -37.5300)
contains.

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Color

**YIQ(200.2850, 2.0700,
-37.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E086
RGB	179, 224, 134
RGB Percent	70%, 88%, 53%
CMY	0.2982, 0.1215, 0.4744
CMYK	0.20, 0.00, 0.40, 0.12
HSL	90°, 59%, 70%
HSV	90°, 40%, 88%
XYZ	49.5459, 64.6219, 32.4234
YIQ	200.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

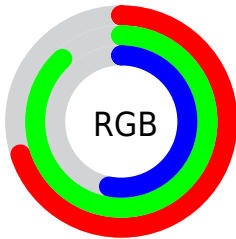
Format	Color
RYB	134, 224, 179
Decimal	11788422
CIELab	84.29, -29.88, 39.36
CIELCh	84, 49.411, 127.204
Yxy	64.6219, 0.3380, 0.4408
Android (android.graphics.Color)	4289978502 (0xFFB3E086)
YUV	200.2850, -32.6785, -18.6669
Hunter-Lab	80.3877, -30.6624, 32.3575

Details

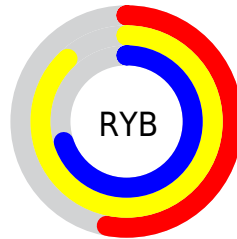
The YIQ color $200.2850, 2.0700, -37.5300$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $157.7150, -2.0700, 37.5300$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.6810, 10.1830, -24.8650$, and $146.0400, 1.3820, -36.0740$ is the 20% darker color. If you saturate the color by 10%, you get $194.4880, 2.5760, -46.7040$, and if you desaturate by 10%, it is $206.0820, 1.5640, -28.3560$.

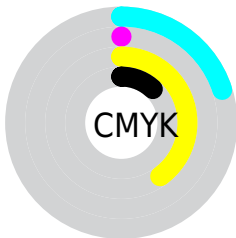
Distribution



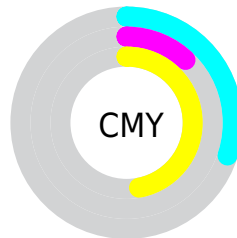
- Red (70%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.2850, 2.0700, -37.5300 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 200.2850, 2.0700, -37.5300 by changing the saturation by 10% instead.

■ 200.2850, 2.0700,
-37.5300

■ 200.2850, 2.0700,
-37.5300

255.0000, -0.0000,
-0.0000

■ 172.5130, 1.4280,
-36.9080

■ 241.6810, 10.1830,
-24.8650

■ 145.7410, 0.7860,
-36.2860

■ 250.5540, 12.5190,
-12.1290

■ 119.2680, 0.7400,
-35.4520

■ 253.8600, 3.2100,
-3.1100

■ 93.3820, 0.4190,
-35.1410

■ 68.0400, 1.3820,
-36.0740

■ 45.9070, -5.3130,
-30.3770

■ 26.4150, -12.3750,

-23.5350

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 200.2850, 2.0700,
-37.5300

■ 200.2850, 2.0700,
-37.5300

■ 194.4880, 2.5760,
-46.7040

■ 206.0820, 1.5640,
-28.3560

■ 188.5770, 3.4030,
-56.1890

■ 211.9930, 0.7370,
-18.8710

■ 182.4810, 3.3130,
-65.5750

■ 218.0890, 0.8270,
-9.4850

■ 176.5700, 4.1400,
-75.0600

■ 224.0000, -0.0000,
0.0000

■ 170.7730, 4.6460,
-84.2340

■ 229.7970, -0.5060,
9.1740

■ 164.9760, 5.1520,
-93.4080

■ 234.1120, 3.1610,
14.3050

■ 236.8030, 8.5250,
16.2130

Harmonies

Analogous

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



205.5520, 41.2230, -25.7290



200.2850, 2.0700, -37.5300



191.4870, -48.4090, -42.3050

Triad

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



200.2850, 2.0700, -37.5300



177.2910, -111.5460, -26.9220



200.7100, 39.8840, 26.0920

Complementary

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



200.2850, 2.0700, -37.5300



157.7150, -2.0700, 37.5300

Split Complementary

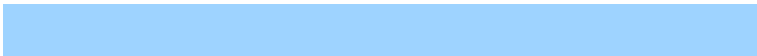
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209.4760, 23.4680, 37.2600



200.2850, 2.0700, -37.5300



200.1690, -45.7120, 2.4480

Square

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



200.2850, 2.0700, -37.5300



165.8410, -145.9300, -42.5540



211.7180, 1.8750, 26.6030



199.6890, 52.4040, 8.4360

Rectangle

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



200.2850, 2.0700, -37.5300



180.3480, -90.4980, -44.9460



211.7180, 1.8750, 26.6030



202.5340, 34.7480, 31.0680

Sweetspot

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



200.2850, 2.0700, -37.5300



246.9810, 1.0110, -12.8210



187.3250, 41.2650, -4.4550



123.2570, 0.4140, -7.5060



0.0000, 0.0000, 0.0000



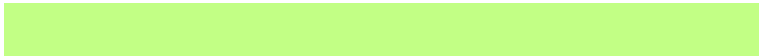
128.0000, -0.0000, -0.0000

Same Dimension

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



200.2850, 2.0700, -37.5300



222.8530, 2.8060, -50.8740



186.8300, -24.7500, -47.0700



109.2510, 0.5510, -4.4810



129.6240, 4.0480, -73.3920



35.3520, 1.1040, -20.0160

Inverse Universe

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



157.7150, -2.0700, 37.5300



165.1470, -2.8060, 50.8740



171.1700, 24.7500, 47.0700



104.0480, 0.0450, 4.6930



46.3760, -4.0480, 73.3920



12.6480, -1.1040, 20.0160

Previews

White Background



This preview shows how the YIQ color 200.2850, 2.0700, -37.5300 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 200.2850, 2.0700, -37.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

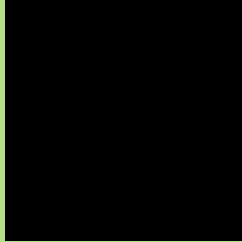
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.2850, 2.0700, -37.5300

Background



This preview shows how black text looks on a background with the YIQ color 200.2850, 2.0700, -37.5300.



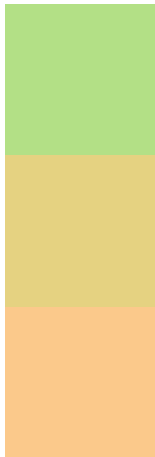
This preview shows how white text looks on a background with the YIQ color 200.2850, 2.0700, -37.5300.

-37.5300.

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

200.2850, 2.0700, -37.5300

Protanopia

206.4470, 37.3250, -21.1630

Deuteranopia

208.8820, 49.7020, -8.6820



Tritanopia

208.9580, -17.3770, 1.0470

Trichromacy



Original Color

200.2850, 2.0700, -37.5300

Protanomaly

204.2280, 24.5800, -26.9720

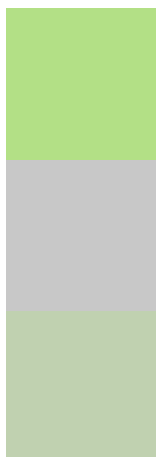
Deuteranomaly

205.5760, 32.6480, -19.0000

Tritanomaly

205.8210, -10.2220, -12.9900

Monochromacy



Original Color

200.2850, 2.0700, -37.5300

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1550, 0.4610, -13.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2850, 2.0700, -37.5300 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(179, 224, 134)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 134)  
}
```

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(179, 224, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 134) }
```

Border

The CSS property to change the border of an element to YIQ 200.2850, 2.0700, -37.5300 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(179, 224, 134) }
```


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

```
.border{ border-color:rgb(179, 224, 134) }
```

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

Here you see how a box with a 4 pixel rgb(179, 224, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 134);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2850, 2.0700, -37.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 134) }
```

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

```
.background{ background-color: rgb(179,  
224, 134) }
```

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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