

Converting Colors

YIQ(200.4010, -18.9280,
-42.4480)

Have a look what the booklet for
YIQ(200.4010, -18.9280, -42.4480)
contains.

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Color

**YIQ(200.4010, -18.9280,
-42.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE995
RGB	156, 233, 149
RGB Percent	61%, 91%, 58%
CMY	0.3885, 0.0861, 0.4157
CMYK	0.33, 0.00, 0.36, 0.09
HSL	115°, 66%, 75%
HSV	115°, 36%, 91%
XYZ	48.2713, 67.5278, 38.9227
YIQ	200.4010, -18.9280, -42.4480

Conversions

Conversions Part 2

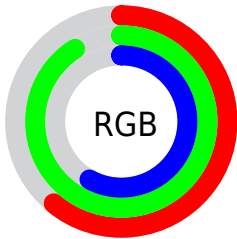
Format	Color
RYB	149, 233, 226
Decimal	10283413
CIELab	85.77, -39.74, 33.52
CIELCh	86, 51.992, 139.852
Yxy	67.5278, 0.3120, 0.4364
Android (android.graphics.Color)	4288473493 (0xFF9CE995)
YUV	200.4010, -25.3407, -38.9397
Hunter-Lab	82.1753, -38.9525, 29.4397

Details

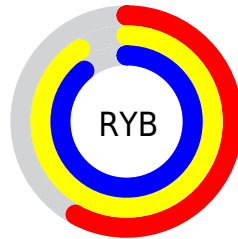
The YIQ color **200.4010, -18.9280, -42.4480** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **181.5990, 18.9280, 42.4480**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6280, -8.6610, -24.7650**, and **145.1560, -19.6160, -40.9920** is the 20% darker color. If you saturate the color by 10%, you get **191.5000, -24.0610, -54.0530**, and if you desaturate by 10%, it is **209.3020, -13.7950, -30.8430**.

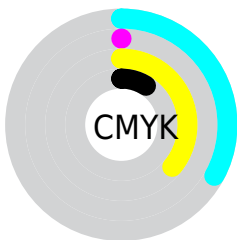
Distribution



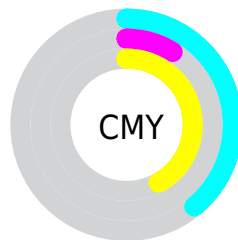
- Red (61%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.4010, -18.9280, -42.4480 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 200.4010, -18.9280, -42.4480 by changing the saturation by 10% instead.

■ 200.4010,
-18.9280, -42.4480

■ 200.4010,
-18.9280, -42.4480

■ 255.0000, -0.0000,
-0.0000

■ 172.6290,
-19.5700, -41.8260

■ 236.6280, -8.6610,
-24.7650

■ 145.1560,
-19.6160, -40.9920

■ 248.4910, -0.3650,
-9.9090

■ 118.3840,
-20.2580, -40.3700

■ 92.3130, -21.4960,
-39.9600

■ 63.8500, -27.5020,
-41.2460

■ 43.4380, -20.3500,
-38.7020

■ 29.3500, -13.7500,

-26.1500

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 200.4010,
-18.9280, -42.4480

■ 200.4010,
-18.9280, -42.4480

■ 191.5000,
-24.0610, -54.0530

■ 209.3020,
-13.7950, -30.8430

■ 182.1860,
-29.4690, -66.1810

■ 218.6160, -8.3870,
-18.7150

■ 173.2850,
-34.6020, -77.7860

■ 227.5170, -3.2540,
-7.1100

■ 164.0850,
-40.3310, -89.6030

■ 236.4180, 1.8790,
4.4950

■ 155.0700,
-45.1430, -101.5190

■ 242.0860, 6.0500,
11.5060

■ 146.1690,
-50.2760, -113.1240

■ 142.4520,
-52.7510, -117.8310

Harmonies

Analogous

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



207.5670, 27.6990, -33.9410



200.4010, -18.9280, -42.4480



187.0410, -79.4480, -46.9680

Triad

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



200.4010, -18.9280, -42.4480



190.1590, -84.4510, -16.8590



200.5330, 44.5160, 19.2360

Complementary

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



200.4010, -18.9280, -42.4480



181.5990, 18.9280, 42.4480

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.



206.1190, 28.7870, 34.4750



200.4010, -18.9280, -42.4480



209.1720, -23.4310, 11.6490

Square

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



200.4010, -18.9280, -42.4480



167.0150, -146.4800, -43.6000



216.2580, 18.1500, 34.5180



202.6750, 55.0190, -0.4130

Rectangle

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



200.4010, -18.9280, -42.4480



167.1000, -139.8300, -53.9900



216.2580, 18.1500, 34.5180



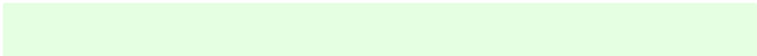
201.7700, 39.6550, 24.7350

Sweetspot

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



200.4010, -18.9280, -42.4480



244.0340, -6.5080, -14.2200



219.3150, 28.8890, -22.4630



121.2780, -4.0790, -8.6790



0.0000, 0.0000, 0.0000



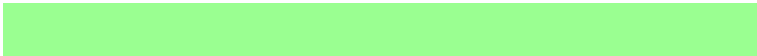
128.0000, -0.0000, -0.0000

Same Dimension

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



200.4010, -18.9280, -42.4480



212.2610, -24.8860, -55.6220



202.2980, -34.3350, -33.0470



112.7560, -2.4290, -5.5410



110.7320, -40.8350, -91.4830



32.8940, -12.4660, -27.3940

Inverse Universe

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



181.5990, 18.9280, 42.4480



187.7390, 24.8860, 55.6220



179.7020, 34.3350, 33.0470



110.2440, 2.4290, 5.5410



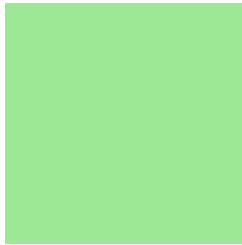
70.2680, 40.8350, 91.4830



20.8070, 11.8700, 27.1820

Previews

White Background



This preview shows how the YIQ color 200.4010, -18.9280, -42.4480 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 200.4010, -18.9280, -42.4480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

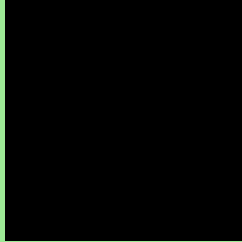
Any Text WCAG AA ✓ Pass

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 200.4010, -18.9280, -42.4480 Background



This preview shows how black text looks on a background with the YIQ color 200.4010, -18.9280, -42.4480.



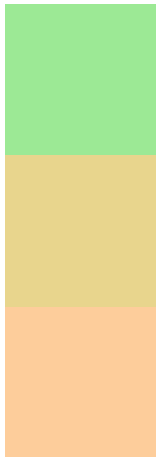
This preview shows how white text looks on a background with the YIQ color 200.4010, -18.9280, -42.4480.

-42.4480.

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

200.4010, -18.9280, -42.4480

Protanopia

210.4730, 34.4360, -18.3640

Deuteranopia

213.6520, 44.6580, -5.3740



Tritanopia

209.1020, -35.5780, -5.0020

Trichromacy



Original Color

200.4010, -18.9280, -42.4480



Protanomaly

206.5520, 14.8600, -27.0280



Deuteranomaly

208.8290, 21.6900, -18.6460



Tritanomaly

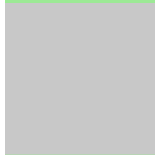
205.8940, -29.6610, -18.6290

Monochromacy



Original Color

200.4010, -18.9280, -42.4480



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.0940, -6.7370, -15.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4010, -18.9280, -42.4480 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(156, 233, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 233, 149)  
}
```

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(156, 233, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 233, 149) }
```

Border

The CSS property to change the border of an element to YIQ 200.4010, -18.9280, -42.4480 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(156, 233, 149) }
```


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

```
.border{ border-color:rgb(156, 233, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 233, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 233, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 233, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 233,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4010, -18.9280, -42.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 233, 149) }
```

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

```
.background{ background-color: rgb(156,  
233, 149) }
```

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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