

Converting Colors

YIQ(200.5100, -28.8800,
-27.2800)

Have a look what the booklet for
YIQ(200.5100, -28.8800, -27.2800)
contains.

YIQ(200.5100, -28.8800, -27.2800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(200.5100, -28.8800,
-27.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE2BA
RGB	156, 226, 186
RGB Percent	61%, 89%, 73%
CMY	0.3884, 0.1136, 0.2707
CMYK	0.31, 0.00, 0.18, 0.11
HSL	146°, 55%, 75%
HSV	146°, 31%, 89%
XYZ	49.7658, 65.0160, 56.3689
YIQ	200.5100, -28.8800, -27.2800

Conversions

Conversions Part 2

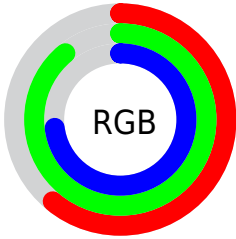
Format	Color
RYB	156, 205, 226
Decimal	10281658
CIELab	84.49, -30.16, 12.67
CIELCh	84, 32.712, 157.212
Yxy	65.0160, 0.2908, 0.3799
Android (android.graphics.Color)	4288471738 (0xFF9CE2BA)
YUV	200.5100, -7.1534, -39.0353
Hunter-Lab	80.6325, -30.9378, 14.9940

Details

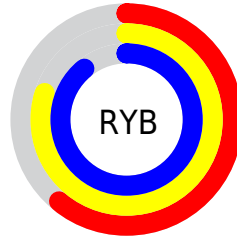
The YIQ color **200.5100, -28.8800, -27.2800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181.4900, 28.8800, 27.2800**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6610, -21.4550, -13.1590**, and **145.4500, -28.6510, -25.9230** is the 20% darker color. If you saturate the color by 10%, you get **192.1510, -38.4150, -36.1990**, and if you desaturate by 10%, it is **208.8690, -19.3450, -18.3610**.

Distribution



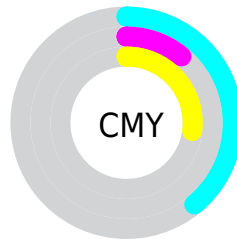
- Red (61%)
- Green (89%)
- Blue (73%)



- Red (61%)
- Yellow (80%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5100, -28.8800, -27.2800 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 200.5100, -28.8800, -27.2800 by changing the saturation by 10% instead.

■ 200.5100,
-28.8800, -27.2800

■ 200.5100,
-28.8800, -27.2800

■ 255.0000, -0.0000,
-0.0000

■ 172.9230,
-28.6050, -26.7570

■ 240.6610,
-21.4550, -13.1590

■ 145.4500,
-28.6510, -25.9230

■ 250.8140, -8.3440,
-2.9680

■ 119.5640,
-28.9720, -25.6120

■ 93.6780, -29.2930,
-25.3010

■ 67.7100, -32.3190,
-25.5270

■ 44.8350, -31.1730,
-24.2690

■ 29.0540, -18.4280,

-18.4600

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 200.5100,
-28.8800, -27.2800

■ 200.5100,
-28.8800, -27.2800

■ 192.1510,
-38.4150, -36.1990

■ 208.8690,
-19.3450, -18.3610

■ 184.0910,
-47.3540, -44.9060

■ 216.9290,
-10.4060, -9.6540

■ 175.7320,
-56.8890, -53.8250

■ 225.2880, -0.8710,
-0.7350

■ 167.6720,
-65.8280, -62.5320

■ 233.3480, 8.0680,
7.9720

■ 159.3130,
-75.3630, -71.4510

■ 237.5210, 9.2590,
13.9230

■ 150.9540,
-84.8980, -80.3700

■ 237.9770, 7.9750,
15.1670

■ 143.7200,
-93.2870, -88.0310

Harmonies

Analogous

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



204.9020, 2.2510, -24.2850



200.5100, -28.8800, -27.2800



196.2480, -57.2610, -25.0450

Triad

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



200.5100, -28.8800, -27.2800



207.3450, -31.4080, 7.5360



208.8990, 43.0050, 8.0690

Complementary

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



200.5100, -28.8800, -27.2800



181.4900, 28.8800, 27.2800

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.



209.8570, 34.7960, 19.1800



200.5100, -28.8800, -27.2800



213.7450, -2.7550, 22.4050

Square

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



200.5100, -28.8800, -27.2800



200.6570, -59.1900, -6.5980



215.1520, 24.0200, 27.2520



211.3040, 45.7580, -3.2820

Rectangle

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



200.5100, -28.8800, -27.2800



195.0650, -69.6870, -20.1110



215.1520, 24.0200, 27.2520



208.7510, 40.6660, 11.9140

Sweetspot

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



200.5100, -28.8800, -27.2800



246.6410, -9.5350, -8.9190



209.3490, 5.1860, -27.9180



122.4890, -6.0510, -5.9790



0.0000, 0.0000, 0.0000



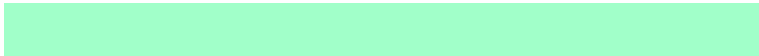
128.0000, -0.0000, -0.0000

Same Dimension

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



200.5100, -28.8800, -27.2800



220.7380, -38.6900, -36.7220



204.3860, -39.7940, -16.7060



108.0270, -4.6300, -4.1980



111.8620, -72.4750, -68.7230



30.5700, -19.9410, -18.5730

Inverse Universe

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



181.4900, 28.8800, 27.2800



195.2620, 38.6900, 36.7220



177.6140, 39.7940, 16.7060



104.9730, 4.6300, 4.1980



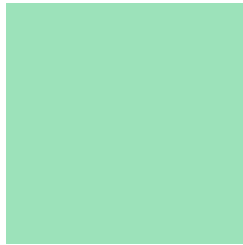
64.1380, 72.4750, 68.7230



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 200.5100, -28.8800, -27.2800 looks on a white background.

Color Contrast Check

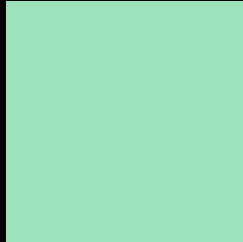
Large Text (above 18pt) WCAG AA × Fail

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 200.5100, -28.8800, -27.2800 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 200.5100, -28.8800, -27.2800 Background



This preview shows how black text looks on a background with the YIQ color 200.5100, -28.8800, -27.2800.



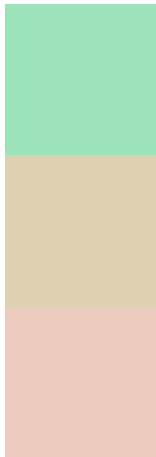
This preview shows how white text looks on a background with the YIQ color 200.5100, -28.8800, -27.2800.

-27.2800.

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

200.5100, -28.8800, -27.2800

Protanopia

209.0540, 17.1030, -7.0970

Deuteranopia

211.7980, 24.1160, 3.4760



Tritanopia

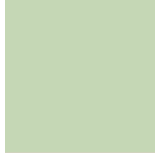
205.2050, -37.3660, -5.6380

Trichromacy



Original Color

200.5100, -28.8800, -27.2800



Protanomaly

205.7420, 0.1860, -14.3900



Deuteranomaly

207.5950, 5.2740, -7.4780



Tritanomaly

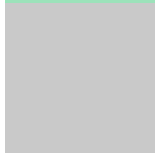
203.6040, -34.4760, -13.9640

Monochromacy



Original Color

200.5100, -28.8800, -27.2800



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.9290, -10.4060, -9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5100, -28.8800, -27.2800 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, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(156, 226, 186)  
}
```

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, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 226, 186) }
```

Border

The CSS property to change the border of an element to YIQ 200.5100, -28.8800, -27.2800 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, 226, 186) }
```


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

```
.border{ border-color:rgb(156, 226, 186) }
```

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

Here you see how a box with a 4 pixel rgb(156, 226, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(156, 226,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5100, -28.8800, -27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 226, 186) }
```

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

```
.background{ background-color: rgb(156,  
226, 186) }
```

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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