

Converting Colors

YIQ(203.2150, -35.2990,
-26.5870)

Have a look what the booklet for
YIQ(203.2150, -35.2990, -26.5870)
contains.

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Color

**YIQ(203.2150, -35.2990,
-26.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	99E6C5
RGB	153, 230, 197
RGB Percent	60%, 90%, 77%
CMY	0.4002, 0.0979, 0.2276
CMYK	0.34, 0.00, 0.14, 0.10
HSL	154°, 61%, 75%
HSV	154°, 34%, 90%
XYZ	51.5076, 67.4087, 63.1022
YIQ	203.2150, -35.2990, -26.5870

Conversions

Conversions Part 2

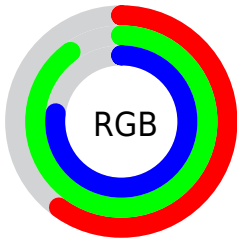
Format	Color
RYB	153, 202, 230
Decimal	10086085
CIELab	85.71, -30.76, 8.61
CIElCh	86, 31.945, 164.355
Yxy	67.4087, 0.2830, 0.3703
Android (android.graphics.Color)	4288276165 (0xFF99E6C5)
YUV	203.2150, -3.0640, -44.0386
Hunter-Lab	82.1028, -31.6972, 11.9031

Details

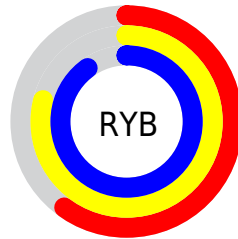
The YIQ color **203.2150, -35.2990, -26.5870** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **179.7850, 35.2990, 26.5870**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.1320, -27.0950, -10.0630**, and **148.0410, -34.7490, -25.5410** is the 20% darker color. If you saturate the color by 10%, you get **195.1980, -45.7970, -34.5730**, and if you desaturate by 10%, it is **211.2320, -24.8010, -18.6010**.

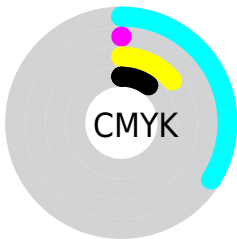
Distribution



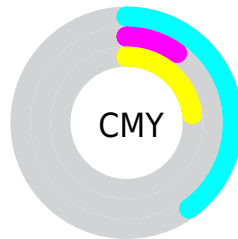
- Red (60%)
- Green (90%)
- Blue (77%)



- Red (60%)
- Yellow (79%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.2150, -35.2990, -26.5870 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 203.2150, -35.2990, -26.5870 by changing the saturation by 10% instead.

■ 203.2150,
-35.2990, -26.5870

■ 203.2150,
-35.2990, -26.5870

■ 255.0000, -0.0000,
-0.0000

■ 175.6280,
-35.0240, -26.0640

■ 241.1320,
-27.0950, -10.0630

■ 148.0410,
-34.7490, -25.5410

■ 249.9170,
-10.1320, -3.6040

■ 121.2690,
-35.3910, -24.9190

■ 95.0840, -36.3080,
-24.8200

■ 67.2080, -42.5890,
-26.6290

■ 47.6220, -34.8870,
-23.0390

■ 31.1400, -21.5460,

-17.0180

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 203.2150,
-35.2990, -26.5870

■ 203.2150,
-35.2990, -26.5870

■ 195.1980,
-45.7970, -34.5730

■ 211.2320,
-24.8010, -18.6010

■ 187.1810,
-56.2950, -42.5590

■ 219.2490,
-14.3030, -10.6150

■ 179.1640,
-66.7930, -50.5450

■ 227.2660, -3.8050,
-2.6290

■ 171.2610,
-77.6120, -58.2200

■ 235.1690, 7.0140,
5.0460

■ 163.2440,
-88.1100, -66.2060

■ 239.2990, 9.7640,
10.2760

■ 155.2270,
-98.6080, -74.1920

■ 240.3250, 6.8750,
13.0750

■ 149.9440,
-105.3010, -79.5490

Harmonies

Analogous

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



207.3680, -4.9930, -25.1610



203.2150, -35.2990, -26.5870



199.5620, -61.0210, -22.9810

Triad

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



203.2150, -35.2990, -26.5870



212.4170, -22.7430, 10.1930



212.1930, 41.9970, 4.3090

Complementary

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



203.2150, -35.2990, -26.5870



179.7850, 35.2990, 26.5870

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.



211.8630, 34.6590, 16.1550



203.2150, -35.2990, -26.5870



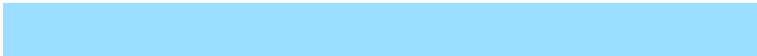
218.5070, 3.8470, 23.9030

Square

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



203.2150, -35.2990, -26.5870



205.7290, -50.5250, -3.9410



216.4570, 24.4790, 24.4390



214.1570, 41.6780, -6.4340

Rectangle

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



203.2150, -35.2990, -26.5870



199.9450, -69.2290, -17.3970



216.4570, 24.4790, 24.4390



211.4580, 39.9330, 8.6770

Sweetspot

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



203.2150, -35.2990, -26.5870



246.2710, -11.3690, -8.7210



208.0660, -1.5070, -33.2750



122.4180, -7.2890, -5.5690



0.0000, 0.0000, 0.0000



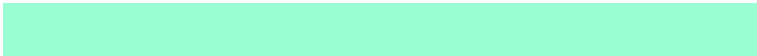
128.0000, -0.0000, -0.0000

Same Dimension

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



203.2150, -35.2990, -26.5870



219.4860, -46.6680, -35.3080



204.0420, -44.5170, -13.7090



110.8420, -5.5470, -4.0990



116.7010, -81.9670, -61.8950



33.2430, -23.3340, -17.6540

Inverse Universe

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



179.7850, 35.2990, 26.5870



188.5140, 46.6680, 35.3080



178.9580, 44.5170, 13.7090



107.1580, 5.5470, 4.0990



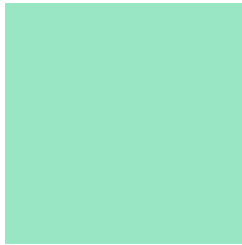
62.2990, 81.9670, 61.8950



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 203.2150, -35.2990, -26.5870 looks on a white background.

Color Contrast Check

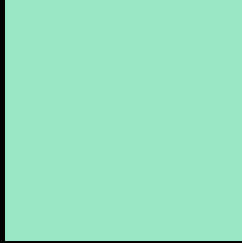
Large Text (above 18pt) WCAG AA × Fail

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 203.2150, -35.2990, -26.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

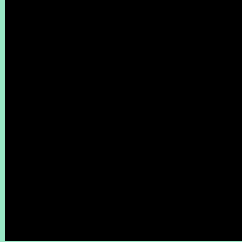
Any Text WCAG AA ✓ Pass

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 203.2150, -35.2990, -26.5870 Background



This preview shows how black text looks on a background with the YIQ color 203.2150, -35.2990, -26.5870.



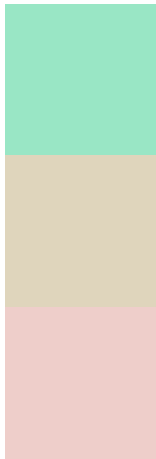
This preview shows how white text looks on a background with the YIQ color 203.2150, -35.2990, -26.5870.

-26.5870.

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**

203.2150, -35.2990, -26.5870

Protanopia

213.1400, 13.9850, -5.6550

Deuteranopia

215.1120, 20.3560, 5.5400



Tritanopia

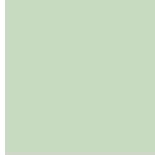
207.8130, -42.1340, -7.3340

Trichromacy



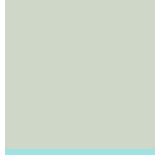
Original Color

203.2150, -35.2990, -26.5870



Protanomaly

209.5290, -3.5280, -13.1600



Deuteranomaly

210.8980, 0.0470, -6.3610



Tritanomaly

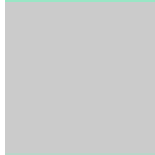
205.9670, -39.9320, -14.2040

Monochromacy



Original Color

203.2150, -35.2990, -26.5870



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.2600, -12.8360, -9.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.2150, -35.2990, -26.5870 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(153, 230, 197)` looks like.

```
.text, #text, p{  
    color:rgb(153, 230, 197)  
}
```

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(153, 230, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 230, 197) }
```

Border

The CSS property to change the border of an element to YIQ 203.2150, -35.2990, -26.5870 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(153, 230, 197) }
```


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

```
.border{ border-color:rgb(153, 230, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 230, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 230, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 230, 197);  
box-shadow:4px 4px 4px 4px rgb(153, 230,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 203.2150, -35.2990, -26.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 230, 197) }
```

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

```
.background{ background-color: rgb(153,  
230, 197) }
```

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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