

Converting Colors

YIQ(198.9530, -37.3170,
-23.0530)

Have a look what the booklet for
YIQ(198.9530, -37.3170, -23.0530)
contains.

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Color

**YIQ(198.9530, -37.3170,
-23.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	95E0C9
RGB	149, 224, 201
RGB Percent	58%, 88%, 79%
CMY	0.4159, 0.1214, 0.2119
CMYK	0.34, 0.00, 0.10, 0.12
HSL	162°, 55%, 73%
HSV	162°, 34%, 88%
XYZ	49.5883, 63.9286, 64.9637
YIQ	198.9530, -37.3170, -23.0530

Conversions

Conversions Part 2

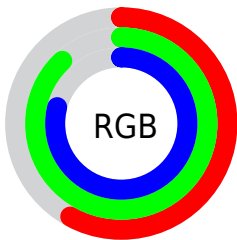
Format	Color
RYB	149, 193, 224
Decimal	9822409
CIELab	83.93, -28.21, 3.92
CIELCh	84, 28.481, 172.089
Yxy	63.9286, 0.2778, 0.3582
Android (android.graphics.Color)	4288012489 (0xFF95E0C9)
YUV	198.9530, 1.0092, -43.8088
Hunter-Lab	79.9554, -29.2164, 7.7957

Details

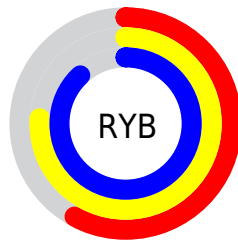
The YIQ color **198.9530, -37.3170, -23.0530** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **174.0470, 37.3170, 23.0530**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **143.7790, -36.7670, -22.0070** is the 20% darker color. If you saturate the color by 10%, you get **191.5770, -48.1820, -29.8940**, and if you desaturate by 10%, it is **206.3290, -26.4520, -16.2120**.

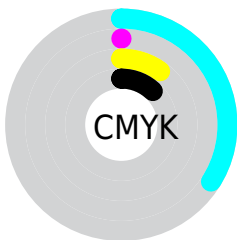
Distribution



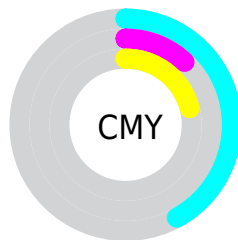
- Red (58%)
- Green (88%)
- Blue (79%)



- Red (58%)
- Yellow (76%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.9530, -37.3170, -23.0530 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 198.9530, -37.3170, -23.0530 by changing the saturation by 10% instead.

■ 198.9530,
-37.3170, -23.0530

■ 198.9530,
-37.3170, -23.0530

■ 255.0000, -0.0000,
-0.0000

■ 171.3660,
-37.0420, -22.5300

■ 240.0500,
-29.8000, -10.6000

■ 143.7790,
-36.7670, -22.0070

■ 248.7210,
-12.5160, -4.4520

■ 117.4800,
-37.3630, -22.2190

■ 91.1100, -39.1970,
-22.0210

■ 62.6360, -46.6700,
-24.2540

■ 45.0290, -34.4750,
-19.4910

■ 29.1340, -21.4090,

-13.9930

■ 13.3700, -7.3340,
-10.2620

■ 0.0000, 0.0000,
0.0000

■ 198.9530,
-37.3170, -23.0530

■ 198.9530,
-37.3170, -23.0530

■ 191.5770,
-48.1820, -29.8940

■ 206.3290,
-26.4520, -16.2120

■ 183.9020,
-59.6430, -36.9470

■ 214.0040,
-14.9910, -9.1590

■ 176.5260,
-70.5080, -43.7880

■ 221.3800, -4.1260,
-2.3180

■ 168.8510,
-81.9690, -50.8410

■ 229.0550, 7.3350,
4.7350

■ 161.5890,
-93.1550, -57.3710

■ 234.5230, 14.9450,
9.9930

■ 154.2130,
-104.0200, -64.2120

■ 235.3210, 12.6980,
12.1700

■ 149.1580,
-111.3550, -68.9470

■ 236.1190, 10.4510,
14.3470

■ 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.



202.1270, -11.5040, -22.8000



198.9530, -37.3170, -23.0530



196.9480, -56.1160, -18.2600

Triad

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



198.9530, -37.3170, -23.0530



210.4010, -16.6460, 15.3380



210.4490, 44.1520, 3.8000

Complementary

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



198.9530, -37.3170, -23.0530



174.0470, 37.3170, 23.0530

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.



210.0220, 38.4650, 13.2570



198.9530, -37.3170, -23.0530



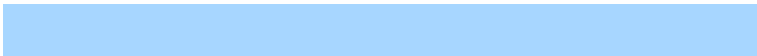
213.6170, 9.3490, 23.3090

Square

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



198.9530, -37.3170, -23.0530



204.6210, -41.1730, 2.7870



212.6270, 29.7520, 22.4880



208.6830, 34.2050, -8.6670

Rectangle

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



198.9530, -37.3170, -23.0530



197.8970, -60.1060, -12.0260



212.6270, 29.7520, 22.4880



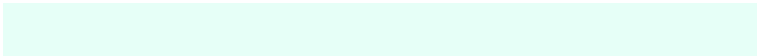
209.9590, 42.7760, 6.7120

Sweetspot

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



198.9530, -37.3170, -23.0530



246.6130, -12.3320, -7.7880



200.2010, -6.3210, -34.1370



122.6460, -7.9310, -4.9470



0.0000, 0.0000, 0.0000



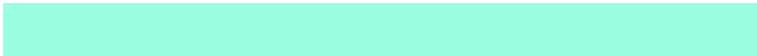
128.0000, -0.0000, -0.0000

Same Dimension

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



198.9530, -37.3170, -23.0530



220.9680, -50.8410, -31.2650



193.3570, -40.8500, -8.5780



108.3690, -5.5930, -3.2650



117.2200, -87.5620, -54.1060



32.0520, -24.1140, -14.5300

Inverse Universe

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



174.0470, 37.3170, 23.0530



187.0320, 50.8410, 31.2650



179.6430, 40.8500, 8.5780



104.6310, 5.5930, 3.2650



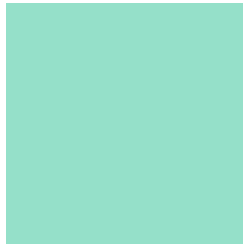
58.7800, 87.5620, 54.1060



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 198.9530, -37.3170, -23.0530 looks on a white background.

Color Contrast Check

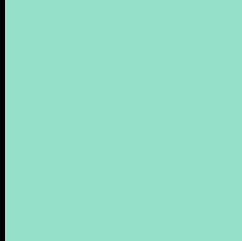
Large Text (above 18pt) WCAG AA × Fail

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 198.9530, -37.3170, -23.0530 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

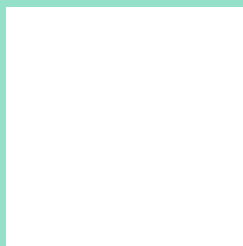
Any Text WCAG AAA ✓ Pass

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

YIQ 198.9530, -37.3170, -23.0530 Background



This preview shows how black text looks on a background with the YIQ color 198.9530, -37.3170, -23.0530.



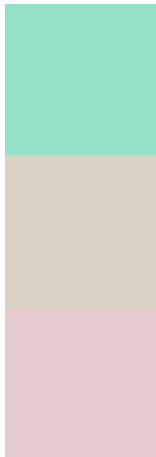
This preview shows how white text looks on a background with the YIQ color 198.9530, -37.3170, -23.0530.

-23.0530.

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

198.9530, -37.3170, -23.0530

Protanopia

208.5680, 9.9040, -3.2800

Deuteranopia

210.5290, 14.8080, 6.9680



Tritanopia

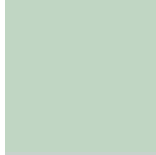
202.4000, -42.4090, -7.8570

Trichromacy



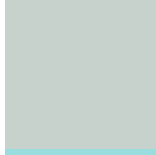
Original Color

198.9530, -37.3170, -23.0530



Protanomaly

205.2560, -7.0130, -10.5730



Deuteranomaly

206.3260, -4.0340, -3.9860



Tritanomaly

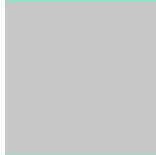
201.1950, -40.5740, -13.5820

Monochromacy



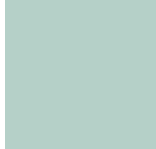
Original Color

198.9530, -37.3170, -23.0530



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.0150, -13.5240, -8.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9530, -37.3170, -23.0530 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(149, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(149, 224, 201)  
}
```

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(149, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 224, 201) }
```

Border

The CSS property to change the border of an element to YIQ 198.9530, -37.3170, -23.0530 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(149, 224, 201) }
```


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

```
.border{ border-color:rgb(149, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(149, 224,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9530, -37.3170, -23.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 224, 201) }
```

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

```
.background{ background-color: rgb(149,  
224, 201) }
```

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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