

Converting Colors

YIQ(138.8250, -96.2750,
-44.8750)

Have a look what the booklet for
YIQ(138.8250, -96.2750, -44.8750)
contains.

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Color

**YIQ(138.8250, -96.2750,
-44.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	13C2A9
RGB	19, 194, 169
RGB Percent	7%, 76%, 66%
CMY	0.9258, 0.2389, 0.3376
CMYK	0.90, 0.00, 0.13, 0.24
HSL	171°, 82%, 42%
HSV	171°, 90%, 76%
XYZ	26.7273, 41.6147, 44.1144
YIQ	138.8250, -96.2750, -44.8750

Conversions

Conversions Part 2

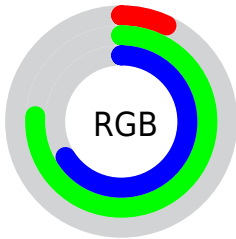
Format	Color
RYB	19, 113, 194
Decimal	1295017
CIELab	70.60, -45.72, 1.33
CIElCh	71, 45.741, 178.338
Yxy	41.6147, 0.2377, 0.3701
Android (android.graphics.Color)	4279485097 (0xFF13C2A9)
YUV	138.8250, 14.8763, -105.0865
Hunter-Lab	64.5095, -38.9362, 4.6116

Details

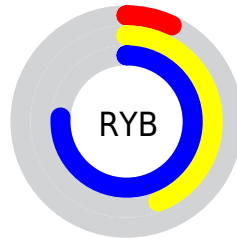
The YIQ color **138.8250, -96.2750, -44.8750** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **74.1750, 96.2750, 44.8750**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2680, -78.3490, -39.3490**, and **94.9310, -75.7820, -36.3100** is the 20% darker color. If you saturate the color by 10%, you get **132.8020, -106.6360, -49.8360**, and if you desaturate by 10%, it is **144.8480, -85.9140, -39.9140**.

Distribution



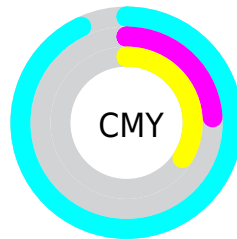
- Red (7%)
- Green (76%)
- Blue (66%)



- Red (7%)
- Yellow (44%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (93%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.8250, -96.2750, -44.8750 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 138.8250, -96.2750, -44.8750 by changing the saturation by 10% instead.

■ 138.8250,
-96.2750, -44.8750

■ 138.8250,
-96.2750, -44.8750

■ 255.0000, -0.0000,
-0.0000

■ 113.6300,
-91.2320, -42.6560

■ 204.2680,
-78.3490, -39.3490

■ 94.9310, -75.7820,
-36.3100

■ 219.1910,
-70.2820, -25.8500

■ 76.8190, -60.6070,
-30.4870

■ 228.6880,
-52.4480, -18.6560

■ 59.5220, -46.3490,
-24.5650

■ 237.9570,
-33.9720, -12.0840

■ 42.3390, -32.4120,
-18.3320

■ 247.2260,
-15.4960, -5.5120

■ 27.6180, -19.8960,
-13.8800

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 138.8250,
-96.2750, -44.8750

■ 138.8250,
-96.2750, -44.8750

■ 132.8020,
-106.6360, -49.8360

■ 144.8480,
-85.9140, -39.9140

■ 151.0560,
-74.6360, -35.0520

■ 157.0790,
-64.2750, -30.0910

■ 163.4010,
-53.3180, -24.9180

■ 169.4240,
-42.9570, -19.9570

■ 175.4470,
-32.5960, -14.9960

■ 181.6550,
-21.3180, -10.1340

■ 187.6780,
-10.9570, -5.1730

■ 194.0000, -0.0000,
0.0000

Harmonies

Analogous

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



158.0010, -29.2450, -37.1890



138.8250, -96.2750, -44.8750



137.9320, -121.0810, -35.8410

Triad

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



138.8250, -96.2750, -44.8750



175.4520, -20.6830, 27.9330



172.3940, 63.1800, 0.3640

Complementary

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



138.8250, -96.2750, -44.8750



74.1750, 96.2750, 44.8750

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.



173.7930, 67.2110, 20.9310



138.8250, -96.2750, -44.8750



177.4050, 22.2300, 37.6700

Square

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



138.8250, -96.2750, -44.8750



163.1570, -71.8010, 7.1990



175.9230, 52.7660, 34.9260



169.6220, 44.2020, -19.1420

Rectangle

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



138.8250, -96.2750, -44.8750



138.7930, -127.6390, -27.1190



175.9230, 52.7660, 34.9260



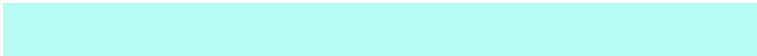
172.8770, 66.4340, 7.4740

Sweetspot

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



138.8250, -96.2750, -44.8750



230.6420, -37.6390, -17.2150



129.4990, -32.6290, -86.0130



115.0570, -22.5100, -10.5580



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.



138.8250, -96.2750, -44.8750



172.5480, -138.6360, -64.6200



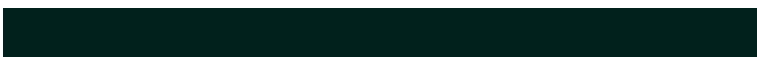
105.8680, -87.5250, -5.1970



93.8960, -5.6390, -2.4310



110.2390, -88.5730, -41.2850



22.5630, -18.0630, -8.5510

Inverse Universe

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



74.1750, 96.2750, 44.8750



79.4520, 138.6360, 64.6200



107.1320, 87.5250, 5.1970



90.2180, 5.3180, 2.7420



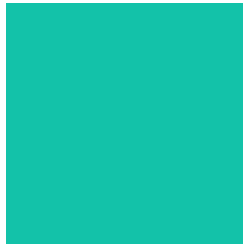
50.7610, 88.5730, 41.2850



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 138.8250, -96.2750, -44.8750 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 138.8250, -96.2750, -44.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

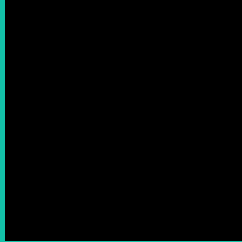
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

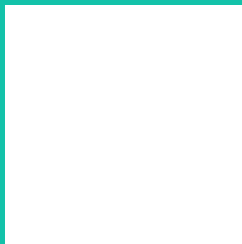
Any Text WCAG AAA ✓ Pass

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

YIQ 138.8250, -96.2750, -44.8750 Background



This preview shows how black text looks on a background with the YIQ color 138.8250, -96.2750, -44.8750.



This preview shows how white text looks on a background with the YIQ color 138.8250, -96.2750, -44.8750.

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

138.8250, -96.2750, -44.8750

Protanopia

171.3830, 8.9870, -3.1810

Deuteranopia

173.0060, 9.0310, 7.0390



Tritanopia

150.6440, -84.6790, -23.7430

Trichromacy



Original Color

138.8250, -96.2750, -44.8750



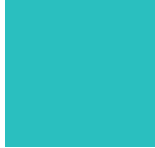
Protanomaly

159.3070, -29.3860, -18.1060



Deuteranomaly

160.4090, -29.4330, -11.7450



Tritanomaly

146.4490, -88.8040, -31.5880

Monochromacy



Original Color

138.8250, -96.2750, -44.8750



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

138.8380, -35.2550, -16.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8250, -96.2750, -44.8750 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(19, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(19, 194, 169)  
}
```

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(19, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 194, 169) }
```

Border

The CSS property to change the border of an element to YIQ 138.8250, -96.2750, -44.8750 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(19, 194, 169) }
```


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

```
.border{ border-color:rgb(19, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(19, 194,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8250, -96.2750, -44.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 194, 169) }
```

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

```
.background{ background-color: rgb(19, 194,  
169) }
```

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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