

Converting Colors

YIQ(138.2620, -113.7430,
-47.6870)

Have a look what the booklet for
YIQ(138.2620, -113.7430, -47.6870)
contains.

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Color

**YIQ(138.2620, -113.7430,
-47.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	00C8B7
RGB	0, 200, 183
RGB Percent	0%, 78%, 72%
CMY	0.9999, 0.2153, 0.2828
CMYK	1.00, 0.00, 0.09, 0.22
HSL	175°, 100%, 39%
HSV	175°, 100%, 78%
XYZ	29.2094, 44.7617, 51.8392
YIQ	138.2620, -113.7430, -47.6870

Conversions

Conversions Part 2

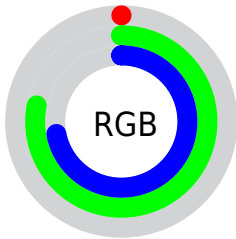
Format	Color
RYB	0, 104, 200
Decimal	51383
CIELab	72.73, -45.06, -3.18
CIELCh	73, 45.174, 184.035
Yxy	44.7617, 0.2322, 0.3558
Android (android.graphics.Color)	4278241463 (0xFF00C8B7)
YUV	138.2620, 22.0558, -121.2558
Hunter-Lab	66.9042, -39.1520, 0.8935

Details

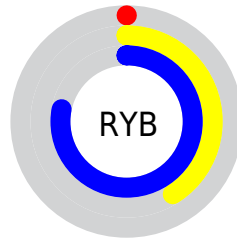
The YIQ color **138.2620, -113.7430, -47.6870** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **61.7380, 113.7430, 47.6870**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.7280, -85.4560, -37.2000**, and **99.9350, -81.6050, -35.4050** is the 20% darker color. If you saturate the color by 10%, you get **138.2620, -113.7430, -47.6870**, and if you desaturate by 10%, it is **144.4700, -102.4650, -42.8250**.

Distribution



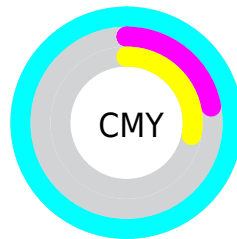
- Red (0%)
- Green (78%)
- Blue (72%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2620, -113.7430, -47.6870 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 138.2620, -113.7430, -47.6870 by changing the saturation by 10% instead.

■ 138.2620,
-113.7430, -47.6870

■ 138.2620,
-113.7430, -47.6870

■ 255.0000, -0.0000,
-0.0000

■ 118.7480,
-97.3760, -41.4400

■ 207.7280,
-85.4560, -37.2000

■ 99.9350, -81.6050,
-35.4050

■ 219.4190,
-70.9240, -25.2280

■ 81.8230, -66.4300,
-29.5820

■ 228.9870,
-51.8520, -18.4440

■ 63.8250, -51.5760,
-23.4480

■ 238.2560,
-33.3760, -11.8720

■ 46.5280, -37.3180,
-17.5260

■ 247.5250,
-14.9000, -5.3000

■ 31.2200, -24.5270,
-12.5510

■ 12.3900, -10.0860,

-4.4380

■ 0.0000, 0.0000,
0.0000

■ 138.2620,
-113.7430, -47.6870

■ 144.4700,
-102.4650, -42.8250

■ 150.5640,
-90.8660, -38.2740

■ 156.7720,
-79.5880, -33.4120

■ 162.9800,
-68.3100, -28.5500

■ 169.0740,
-56.7110, -23.9990

■ 175.2820,
-45.4330, -19.1370

■ 181.4900,
-34.1550, -14.2750

■ 187.6980,
-22.8770, -9.4130

■ 193.7920,
-11.2780, -4.8620

Harmonies

Analogous

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



162.5100, -38.0480, -37.3440



138.2620, -113.7430, -47.6870



142.2350, -126.3080, -34.7240

Triad

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



138.2620, -113.7430, -47.6870



182.4100, -11.6970, 30.2790



177.6170, 60.9340, -2.9860

Complementary

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



138.2620, -113.7430, -47.6870



61.7380, 113.7430, 47.6870

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.



179.2720, 67.1200, 17.0720



138.2620, -113.7430, -47.6870



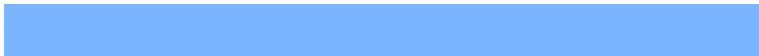
183.4120, 29.5200, 37.7120

Square

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



138.2620, -113.7430, -47.6870



172.0940, -58.3220, 10.7180



181.1960, 56.2510, 32.3390



174.7030, 39.4800, -21.6720

Rectangle

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



138.2620, -113.7430, -47.6870



142.2810, -131.9490, -26.1010



181.1960, 56.2510, 32.3390



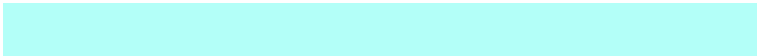
178.5730, 64.2340, 3.2900

Sweetspot

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



138.2620, -113.7430, -47.6870



231.4780, -43.0490, -18.2890



123.3800, -43.0800, -100.3600



113.7900, -26.1320, -10.9960



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.



138.2620, -113.7430, -47.6870



176.2470, -144.9180, -60.9020



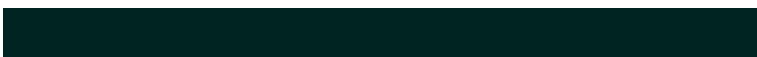
93.2400, -97.2000, -0.5600



96.3090, -5.3640, -1.9080



112.6670, -92.6540, -38.9100



24.8940, -20.4930, -8.5650

Inverse Universe

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



61.7380, 113.7430, 47.6870



78.7530, 144.9180, 60.9020



106.7600, 97.2000, 0.5600



92.6910, 5.3640, 1.9080



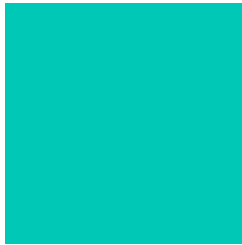
50.3330, 92.6540, 38.9100



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 138.2620, -113.7430, -47.6870 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 138.2620, -113.7430, -47.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

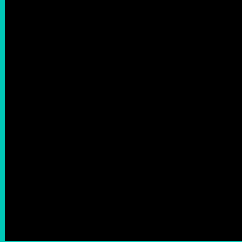
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

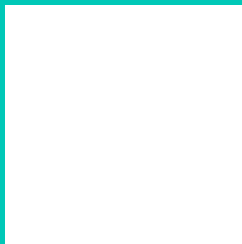
Any Text WCAG AAA ✓ Pass

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

YIQ 138.2620, -113.7430, -47.6870 Background



This preview shows how black text looks on a background with the YIQ color 138.2620, -113.7430, -47.6870.

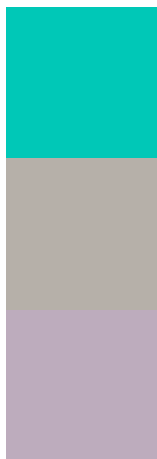


This preview shows how white text looks on a background with the YIQ color 138.2620, -113.7430, -47.6870.

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

138.2620, -113.7430, -47.6870

Protanopia

176.9960, 5.8230, -0.9050

Deuteranopia

179.0210, 4.6750, 8.8910



Tritanopia

153.8710, -92.7480, -26.1880

Trichromacy



Original Color

138.2620, -113.7430, -47.6870

Protanomaly

163.1150, -37.5930, -18.0490

Deuteranomaly

164.0320, -38.5570, -11.5890

Tritanomaly

147.8220, -100.2200, -33.9480

Monochromacy



Original Color

138.2620, -113.7430, -47.6870

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3750, -41.2610, -17.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2620, -113.7430, -47.6870 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(0, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 183)  
}
```

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(0, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 183) }
```

Border

The CSS property to change the border of an element to YIQ 138.2620, -113.7430, -47.6870 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(0, 200, 183) }
```


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

```
.border{ border-color:rgb(0, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2620, -113.7430, -47.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 183) }
```

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

```
.background{ background-color: rgb(0, 200,  
183) }
```

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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