

Converting Colors

YIQ(141.8000, -112.3220,
-45.9060)

Have a look what the booklet for
YIQ(141.8000, -112.3220, -45.9060)
contains.

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Color

**YIQ(141.8000, -112.3220,
-45.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	06CABC
RGB	6, 202, 188
RGB Percent	2%, 79%, 74%
CMY	0.9768, 0.2075, 0.2632
CMYK	0.97, 0.00, 0.07, 0.21
HSL	176°, 94%, 41%
HSV	176°, 97%, 79%
XYZ	30.2786, 45.9437, 54.7865
YIQ	141.8000, -112.3220, -45.9060

Conversions

Conversions Part 2

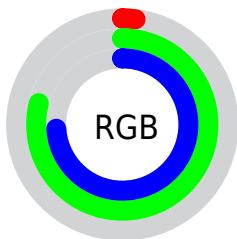
Format	Color
RYB	6, 108, 202
Decimal	445116
CIELab	73.51, -44.33, -4.75
CIELCh	74, 44.585, 186.114
Yxy	45.9437, 0.2311, 0.3507
Android (android.graphics.Color)	4278635196 (0xFF06CABC)
YUV	141.8000, 22.7766, -119.0966
Hunter-Lab	67.7818, -38.8810, -0.4755

Details

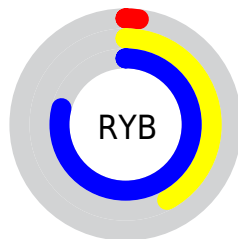
The YIQ color **141.8000, -112.3220, -45.9060** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **66.2000, 112.3220, 45.9060**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.8960, -85.8690, -35.2210**, and **101.6790, -83.7600, -34.8960** is the 20% darker color. If you saturate the color by 10%, you get **139.8920, -115.5770, -47.4890**, and if you desaturate by 10%, it is **147.8940, -100.7230, -41.3550**.

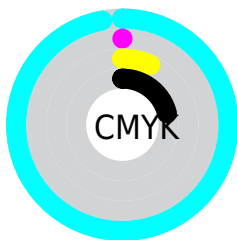
Distribution



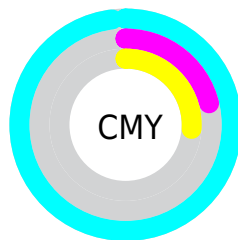
- Red (2%)
- Green (79%)
- Blue (74%)



- Red (2%)
- Yellow (42%)
- Blue (79%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (98%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.8000, -112.3220, -45.9060 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 141.8000, -112.3220, -45.9060 by changing the saturation by 10% instead.

■ 141.8000,
-112.3220, -45.9060

■ 141.8000,
-112.3220, -45.9060

■ 255.0000, -0.0000,
-0.0000

■ 120.4920,
-99.5310, -40.9310

■ 208.8960,
-85.8690, -35.2210

■ 101.6790,
-83.7600, -34.8960

■ 220.0170,
-69.7320, -24.8040

■ 83.5670, -68.5850,
-29.0730

■ 229.5850,
-50.6600, -18.0200

■ 65.4550, -53.4100,
-23.2500

■ 238.8540,
-32.1840, -11.4480

■ 48.1580, -39.1520,
-17.3280

■ 248.1230,
-13.7080, -4.8760

■ 32.1490, -25.7650,
-12.1410

■ 14.6070, -12.1950,

-4.7630

■ 0.0000, 0.0000,
0.0000

■ 141.8000,
-112.3220, -45.9060

■ 141.8000,
-112.3220, -45.9060

■ 139.8920,
-115.5770, -47.4890

■ 147.8940,
-100.7230, -41.3550

■ 154.1020,
-89.4450, -36.4930

■ 160.4950,
-77.2500, -31.7300

■ 166.7030,
-65.9720, -26.8680

■ 172.7970,
-54.3730, -22.3170

■ 179.0050,
-43.0950, -17.4550

■ 185.0990,
-31.4960, -12.9040

■ 191.6060,
-19.6220, -7.8300

■ 197.7000, -8.0230,
-3.2790

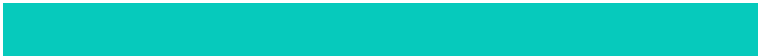
Harmonies

Analogous

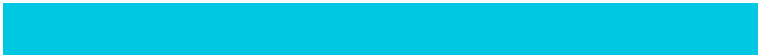
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.2540, -40.2030, -36.8350



141.8000, -112.3220, -45.9060



143.2780, -127.8670, -34.0030

Triad

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



141.8000, -112.3220, -45.9060



184.7910, -8.3960, 31.0280



179.7800, 58.9170, -4.9790

Complementary

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



141.8000, -112.3220, -45.9060



66.2000, 112.3220, 45.9060

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.



181.3320, 66.8910, 15.7150



141.8000, -112.3220, -45.9060



185.4830, 30.7580, 37.3020

Square

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



141.8000, -112.3220, -45.9060



175.3720, -53.2330, 12.1030



182.9570, 55.4260, 30.7700



176.6210, 36.7750, -22.2090

Rectangle

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



141.8000, -112.3220, -45.9060



143.2100, -133.1870, -25.6910



182.9570, 55.4260, 30.7700



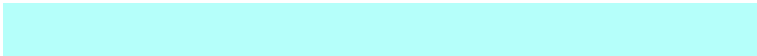
180.4480, 63.0880, 2.0320

Sweetspot

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



141.8000, -112.3220, -45.9060



232.3040, -42.4990, -17.2430



125.8360, -44.3640, -99.1160



114.0890, -25.5360, -10.7840



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.



141.8000, -112.3220, -45.9060



176.7030, -146.2020, -59.6580



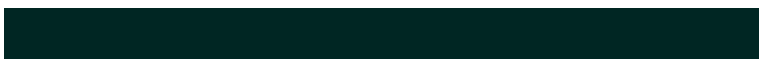
95.2620, -94.2660, 1.3340



98.8960, -5.6390, -2.4310



114.9980, -95.0840, -38.9240



26.2960, -21.6850, -8.9890

Inverse Universe

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



66.2000, 112.3220, 45.9060



78.2970, 146.2020, 59.6580



112.7380, 94.2660, -1.3340



95.1040, 5.6390, 2.4310



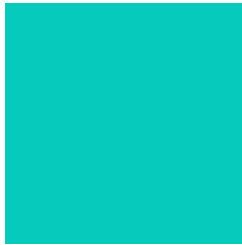
51.0020, 95.0840, 38.9240



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 141.8000, -112.3220, -45.9060 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 141.8000, -112.3220, -45.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

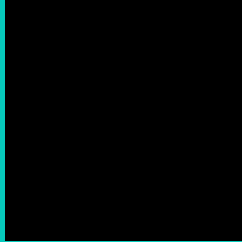
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

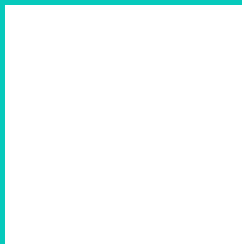
Any Text WCAG AAA ✓ Pass

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

YIQ 141.8000, -112.3220, -45.9060 Background



This preview shows how black text looks on a background with the YIQ color 141.8000, -112.3220, -45.9060.



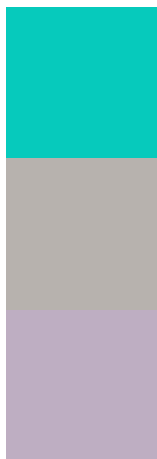
This preview shows how white text looks on a background with the YIQ color 141.8000, -112.3220, -45.9060.

-45.9060.

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

141.8000, -112.3220, -45.9060

Protanopia

179.0390, 4.2640, -0.1840

Deuteranopia

181.0640, 3.1160, 9.6120



Tritanopia

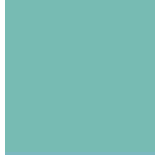
154.9740, -94.5360, -26.8240

Trichromacy



Original Color

141.8000, -112.3220, -45.9060



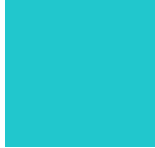
Protanomaly

165.7560, -37.9600, -16.9040



Deuteranomaly

166.6730, -38.9240, -10.4440



Tritanomaly

150.0500, -100.8620, -33.3260

Monochromacy



Original Color

141.8000, -112.3220, -45.9060



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.2010, -40.7110, -16.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8000, -112.3220, -45.9060 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(6, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(6, 202, 188)  
}
```

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(6, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 202, 188) }
```

Border

The CSS property to change the border of an element to YIQ 141.8000, -112.3220, -45.9060 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(6, 202, 188) }
```


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

```
.border{ border-color:rgb(6, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(6, 202,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8000, -112.3220, -45.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 202, 188) }
```

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

```
.background{ background-color: rgb(6, 202,  
188) }
```

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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