

Converting Colors

YIQ(148.2030, -115.2550,
-53.3270)

Have a look what the booklet for
YIQ(148.2030, -115.2550, -53.3270)
contains.

YIQ(148.2030, -115.2550, -53.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.2030, -115.2550,
-53.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	05D6B9
RGB	5, 214, 185
RGB Percent	2%, 84%, 73%
CMY	0.9808, 0.1604, 0.2749
CMYK	0.98, 0.00, 0.14, 0.16
HSL	172°, 96%, 43%
HSV	172°, 98%, 84%
XYZ	32.8750, 51.6671, 54.0776
YIQ	148.2030, -115.2550, -53.3270

Conversions

Conversions Part 2

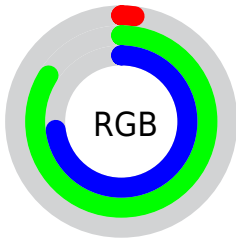
Format	Color
RYB	5, 117, 214
Decimal	382649
CIELab	77.08, -50.24, 2.10
CIElCh	77, 50.279, 177.607
Yxy	51.6671, 0.2372, 0.3727
Android (android.graphics.Color)	4278572729 (0xFF05D6B9)
YUV	148.2030, 18.1409, -125.5890
Hunter-Lab	71.8798, -44.1509, 5.7100

Details

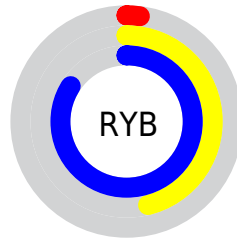
The YIQ color **148.2030, -115.2550, -53.3270** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **70.7970, 115.2550, 53.3270**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1520, -83.7140, -35.7300**, and **107.7940, -85.8220, -41.5820** is the 20% darker color. If you saturate the color by 10%, you get **146.5940, -117.9140, -54.6980**, and if you desaturate by 10%, it is **154.8240, -103.7020, -47.9420**.

Distribution



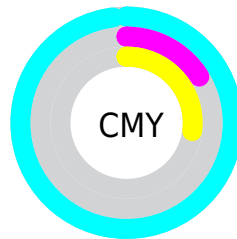
- Red (2%)
- Green (84%)
- Blue (73%)



- Red (2%)
- Yellow (46%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.2030, -115.2550, -53.3270 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 148.2030, -115.2550, -53.3270 by changing the saturation by 10% instead.

■ 148.2030,
-115.2550, -53.3270

■ 148.2030,
-115.2550, -53.3270

■ 255.0000, -0.0000,
-0.0000

■ 127.1940,
-101.8680, -48.1400

■ 209.1520,
-83.7140, -35.7300

■ 107.7940,
-85.8220, -41.5820

■ 220.6150,
-68.5400, -24.3800

■ 89.0950, -70.3720,
-35.2360

■ 230.1830,
-49.4680, -17.5960

■ 71.0970, -55.5180,
-29.1020

■ 239.7510,
-30.3960, -10.8120

■ 53.8000, -41.2600,
-23.1800

■ 249.0200,
-11.9200, -4.2400

■ 37.2040, -27.5980,
-17.4700

■ 21.4230, -14.8530,

-11.6610

■ 0.0000, 0.0000,
0.0000

■ 148.2030,
-115.2550, -53.3270

■ 148.2030,
-115.2550, -53.3270

■ 146.5940,
-117.9140, -54.6980

■ 154.8240,
-103.7020, -47.9420

■ 161.7440,
-91.5530, -42.3450

■ 168.3650,
-80.0000, -36.9600

■ 175.2850,
-67.8510, -31.3630

■ 181.9060,
-56.2980, -25.9780

■ 188.5270,
-44.7450, -20.5930

■ 195.4470,
-32.5960, -14.9960

■ 202.0680,
-21.0430, -9.6110

■ 208.9880, -8.8940,
-4.0140

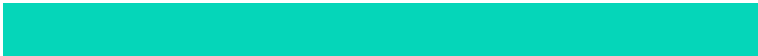
Harmonies

Analogous

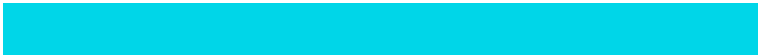
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.3980, -32.0410, -41.5850



148.2030, -115.2550, -53.3270



152.0660, -133.3220, -39.7700

Triad

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



148.2030, -115.2550, -53.3270



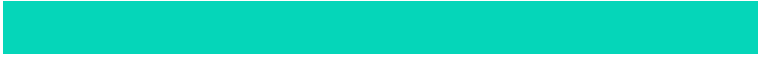
190.9420, -19.3070, 25.0210



188.9170, 68.9570, 0.2930

Complementary

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



148.2030, -115.2550, -53.3270



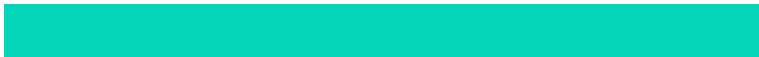
70.7970, 115.2550, 53.3270

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.



184.9170, 60.9300, 19.1220



148.2030, -115.2550, -53.3270



195.8230, 24.1090, 42.1650

Square

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



148.2030, -115.2550, -53.3270



175.2180, -73.7710, -1.1550



187.8130, 47.2640, 35.5200



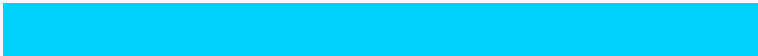
186.3900, 50.6670, -20.6690

Rectangle

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



148.2030, -115.2550, -53.3270



152.3400, -139.6050, -30.5250



187.8130, 47.2640, 35.5200



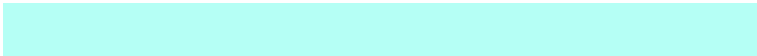
186.5350, 67.3970, 6.5410

Sweetspot

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



148.2030, -115.2550, -53.3270



231.7340, -40.8940, -18.7980



136.9520, -38.9990, -102.7350



113.7470, -24.5730, -11.7170



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.



148.2030, -115.2550, -53.3270



174.6510, -140.4240, -65.2560



108.6580, -104.4890, -6.1290



103.5970, -6.2350, -2.6430



117.1350, -94.2120, -43.7160



29.4590, -23.7020, -10.9820

Inverse Universe

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



70.7970, 115.2550, 53.3270



80.3490, 140.4240, 65.2560



110.3420, 104.4890, 6.1290



99.5170, 5.9140, 2.9540



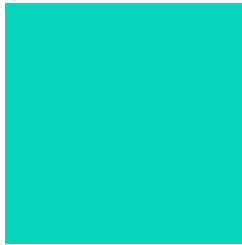
53.8650, 94.2120, 43.7160



13.5410, 23.7020, 10.9820

Previews

White Background



This preview shows how the YIQ color 148.2030, -115.2550, -53.3270 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 148.2030, -115.2550, -53.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

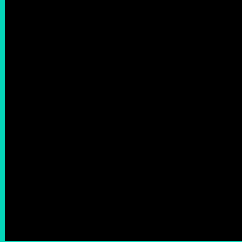
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

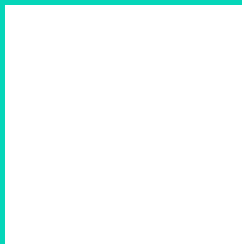
Any Text WCAG AAA ✓ Pass

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

YIQ 148.2030, -115.2550, -53.3270 Background



This preview shows how black text looks on a background with the YIQ color 148.2030, -115.2550, -53.3270.



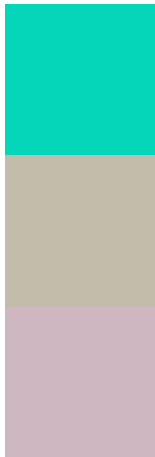
This preview shows how white text looks on a background with the YIQ color 148.2030, -115.2550, -53.3270.

-53.3270.

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

148.2030, -115.2550, -53.3270

Protanopia

188.4540, 10.2250, -3.5910

Deuteranopia

190.9030, 10.8190, 7.6750



Tritanopia

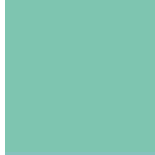
165.3870, -94.2610, -26.3010

Trichromacy



Original Color

148.2030, -115.2550, -53.3270



Protanomaly

173.3770, -35.5750, -21.5830



Deuteranomaly

175.1910, -34.7510, -14.4870



Tritanomaly

158.8710, -101.9160, -36.2520

Monochromacy



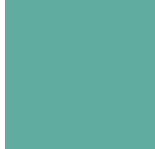
Original Color

148.2030, -115.2550, -53.3270



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.0220, -41.7650, -19.5330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2030, -115.2550, -53.3270 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(5, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(5, 214, 185)  
}
```

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(5, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 214, 185) }
```

Border

The CSS property to change the border of an element to YIQ 148.2030, -115.2550, -53.3270 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(5, 214, 185) }
```


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

```
.border{ border-color:rgb(5, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(5, 214,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2030, -115.2550, -53.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 214, 185) }
```

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

```
.background{ background-color: rgb(5, 214,  
185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor