

Converting Colors

YIQ(146.0530, -123.2800,
-45.5520)

Have a look what the booklet for
YIQ(146.0530, -123.2800, -45.5520)
contains.

YIQ(146.0530, -123.2800, -45.5520)	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(146.0530, -123.2800,
-45.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	00D1CD
RGB	0, 209, 205
RGB Percent	0%, 82%, 80%
CMY	0.9998, 0.1800, 0.1966
CMYK	1.00, 0.00, 0.02, 0.18
HSL	179°, 100%, 41%
HSV	179°, 100%, 82%
XYZ	33.8265, 50.0458, 65.5561
YIQ	146.0530, -123.2800, -45.5520

Conversions

Conversions Part 2

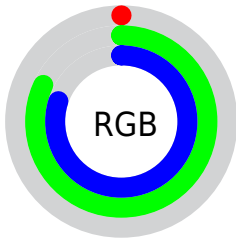
Format	Color
RYB	0, 106, 209
Decimal	53709
CIELab	76.10, -42.64, -10.09
CIELCh	76, 43.818, 193.316
Yxy	50.0458, 0.2264, 0.3349
Android (android.graphics.Color)	4278243789 (0xFF00D1CD)
YUV	146.0530, 29.0609, -128.0885
Hunter-Lab	70.7431, -38.4489, -5.4226

Details

The YIQ color **146.0530, -123.2800, -45.5520** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **62.9470, 123.2800, 45.5520**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.0470, -87.6120, -31.1640**, and **107.6120, -90.8210, -33.5810** is the 20% darker color. If you saturate the color by 10%, you get **146.0530, -123.2800, -45.5520**, and if you desaturate by 10%, it is **152.3320, -110.7640, -41.1000**.

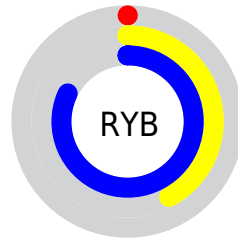
Distribution



Red (0%)

Green (82%)

Blue (80%)



Red (0%)

Yellow (42%)

Blue (82%)

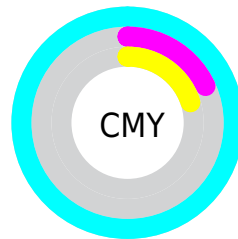


Cyan (100%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (100%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.0530, -123.2800, -45.5520 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 146.0530, -123.2800, -45.5520 by changing the saturation by 10% instead.

■ 146.0530,
-123.2800, -45.5520

■ 146.0530,
-123.2800, -45.5520

■ 255.0000, -0.0000,
-0.0000

■ 126.4250,
-106.5920, -39.6160

■ 211.0470,
-87.6120, -31.1640

■ 107.6120,
-90.8210, -33.5810

■ 220.9140,
-67.9440, -24.1680

■ 88.7990, -75.0500,
-27.5460

■ 230.4820,
-48.8720, -17.3840

■ 70.6870, -59.8750,
-21.7230

■ 240.0500,
-29.8000, -10.6000

■ 53.2760, -45.2960,
-16.1120

■ 249.3190,
-11.3240, -4.0280

■ 37.2670, -31.9090,
-10.9250

■ 21.2580, -18.5220,

-5.7380

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 146.0530,
-123.2800, -45.5520

■ 152.3320,
-110.7640, -41.1000

■ 158.7250,
-98.5690, -36.3370

■ 165.0040,
-86.0530, -31.8850

■ 171.3970,
-73.8580, -27.1220

■ 177.6760,
-61.3420, -22.6700

■ 183.9550,
-48.8260, -18.2180

■ 190.0490,
-37.2270, -13.6670

■ 196.3280,
-24.7110, -9.2150

■ 202.7210,
-12.5160, -4.4520

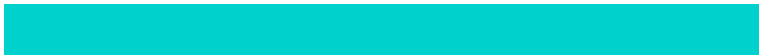
Harmonies

Analogous

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



169.3930, -50.8400, -36.7920



146.0530, -123.2800, -45.5520



148.5100, -134.3320, -32.4760

Triad

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



146.0530, -123.2800, -45.5520



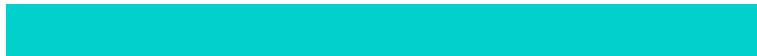
192.2330, 2.1030, 33.4870



186.1060, 54.8830, -8.9650

Complementary

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



146.0530, -123.2800, -45.5520



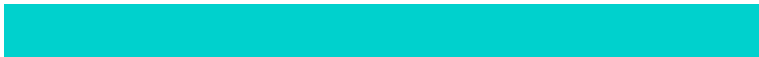
62.9470, 123.2800, 45.5520

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.



187.7890, 63.8660, 9.9620



146.0530, -123.2800, -45.5520



192.2620, 38.6900, 36.7220

Square

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



146.0530, -123.2800, -45.5520



184.6080, -39.1580, 15.8340



187.3110, 54.1890, 25.6530



182.9190, 29.9440, -25.0640

Rectangle

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



146.0530, -123.2800, -45.5520



160.8110, -109.7140, -16.0660



187.3110, 54.1890, 25.6530



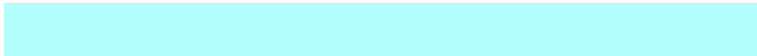
187.4320, 60.0170, -2.8870

Sweetspot

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



146.0530, -123.2800, -45.5520



232.0480, -44.6540, -16.7340



124.7760, -53.3030, -107.8230



114.1320, -27.0950, -10.0630



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.



146.0530, -123.2800, -45.5520



178.1850, -150.3750, -55.6150



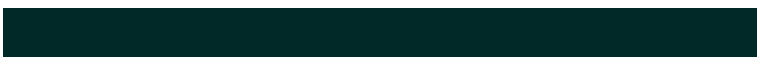
89.5700, -97.8890, 6.4230



101.5970, -6.2350, -2.6430



117.4260, -99.1650, -36.5490



28.6270, -24.1150, -9.0030

Inverse Universe

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



62.9470, 123.2800, 45.5520



76.8150, 150.3750, 55.6150



120.0170, 97.6140, -6.9460



97.2890, 6.5560, 2.3320



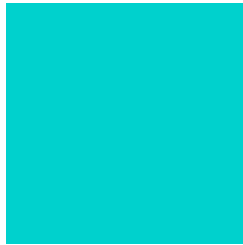
50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 146.0530, -123.2800, -45.5520 looks on a white background.

Color Contrast Check

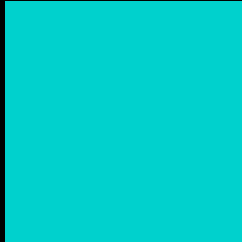
Large Text (above 18pt) WCAG AA × Fail

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 146.0530, -123.2800, -45.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

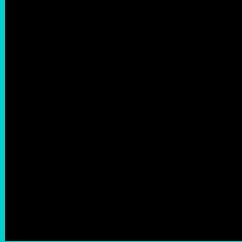
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

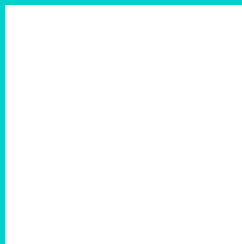
Any Text WCAG AAA ✓ Pass

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

YIQ 146.0530, -123.2800, -45.5520 Background



This preview shows how black text looks on a background with the YIQ color 146.0530, -123.2800, -45.5520.



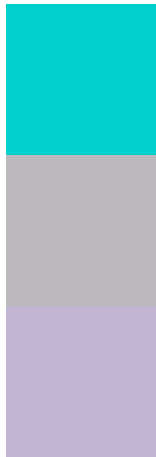
This preview shows how white text looks on a background with the YIQ color 146.0530, -123.2800, -45.5520.

-45.5520.

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

146.0530, -123.2800, -45.5520

Protanopia

186.4670, 0.1830, 2.1910

Deuteranopia

188.0080, -2.4780, 11.8740



Tritanopia

158.9020, -103.2010, -29.4810

Trichromacy



Original Color

146.0530, -123.2800, -45.5520



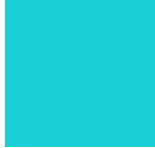
Protanomaly

171.9880, -44.4250, -15.3770



Deuteranomaly

172.7200, -46.3060, -8.8180



Tritanomaly

154.2060, -110.1690, -35.3610

Monochromacy



Original Color

146.0530, -123.2800, -45.5520



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.0480, -44.6540, -16.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0530, -123.2800, -45.5520 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, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 205)  
}
```

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, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 205) }
```

Border

The CSS property to change the border of an element to YIQ 146.0530, -123.2800, -45.5520 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, 209, 205) }
```


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

```
.border{ border-color:rgb(0, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0530, -123.2800, -45.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 205) }
```

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

```
.background{ background-color: rgb(0, 209,  
205) }
```

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