

Converting Colors

YIQ(146.1430, -71.4680,
-59.4360)

Have a look what the booklet for
YIQ(146.1430, -71.4680, -59.4360)
contains.

YIQ(146.1430, -71.4680, -59.4360)	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(146.1430, -71.4680,
-59.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	29CC7C
RGB	41, 204, 124
RGB Percent	16%, 80%, 49%
CMY	0.8396, 0.1997, 0.5139
CMYK	0.80, 0.00, 0.39, 0.20
HSL	151°, 67%, 48%
HSV	151°, 80%, 80%
XYZ	26.1536, 45.1411, 26.3847
YIQ	146.1430, -71.4680, -59.4360

Conversions

Conversions Part 2

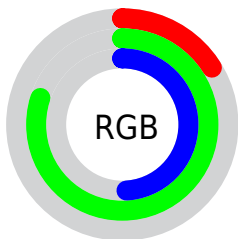
Format	Color
RYB	41, 149, 204
Decimal	2739324
CIELab	72.98, -58.34, 28.73
CIELCh	73, 65.034, 153.780
Yxy	45.1411, 0.2677, 0.4621
Android (android.graphics.Color)	4280929404 (0xFF29CC7C)
YUV	146.1430, -10.9165, -92.2104
Hunter-Lab	67.1872, -48.0937, 23.7475

Details

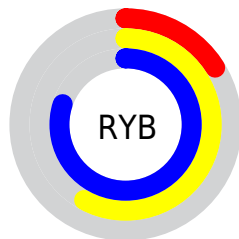
The YIQ color **146.1430, -71.4680, -59.4360** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **98.8570, 71.4680, 59.4360**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9490, -58.9980, -54.1500**, and **95.3120, -64.4540, -54.3900** is the 20% darker color. If you saturate the color by 10%, you get **138.7240, -80.7740, -66.9980**, and if you desaturate by 10%, it is **153.2630, -62.7580, -52.0860**.

Distribution



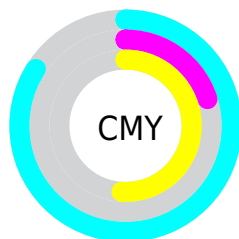
- Red (16%)
- Green (80%)
- Blue (49%)



- Red (16%)
- Yellow (58%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1430, -71.4680, -59.4360 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 146.1430, -71.4680, -59.4360 by changing the saturation by 10% instead.

■ 146.1430,
-71.4680, -59.4360

■ 146.1430,
-71.4680, -59.4360

■ 255.0000, -0.0000,
-0.0000

■ 114.5980,
-80.1790, -61.2590

■ 203.9490,
-58.9980, -54.1500

■ 95.3120, -64.4540,
-54.3900

■ 216.4100,
-49.5100, -38.8700

■ 77.3140, -49.6000,
-48.2560

■ 228.5720,
-40.6180, -23.8020

■ 59.4300, -35.0670,
-41.8110

■ 240.3490,
-29.2040, -10.3880

■ 41.4320, -20.2130,
-35.6770

■ 249.3190,
-11.3240, -4.0280

■ 28.1760, -13.2000,
-25.1040

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 146.1430,
-71.4680, -59.4360

■ 146.1430,
-71.4680, -59.4360

■ 138.7240,
-80.7740, -66.9980

■ 153.2630,
-62.7580, -52.0860

■ 131.6040,
-89.4840, -74.3480

■ 160.6820,
-53.4520, -44.5240

■ 167.8020,
-44.7420, -37.1740


■ 175.2210,
-35.4360, -29.6120

■ 182.3410,
-26.7260, -22.2620

 189.4610,
-18.0160, -14.9120

 196.8800, -8.7100,
-7.3500

 204.0000, -0.0000,
-0.0000

 211.4190, 9.3060,
7.5620

Harmonies

Analogous

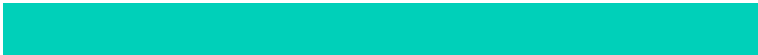
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.2450, 7.5740, -49.1780



146.1430, -71.4680, -59.4360



143.1860, -116.5850, -51.2490

Triad

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



146.1430, -71.4680, -59.4360



152.6370, -99.9960, -4.9560



168.1270, 77.8940, 20.0540

Complementary

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



146.1430, -71.4680, -59.4360



98.8570, 71.4680, 59.4360

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.



168.8690, 62.0260, 43.3220



146.1430, -71.4680, -59.4360



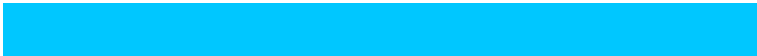
180.0990, -12.0190, 36.1170

Square

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



146.1430, -71.4680, -59.4360



145.8830, -136.5800, -24.7720



182.6390, 39.7870, 55.3950



175.4870, 84.5470, -6.9170

Rectangle

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



146.1430, -71.4680, -59.4360



147.7460, -129.4250, -38.8090



182.6390, 39.7870, 55.3950



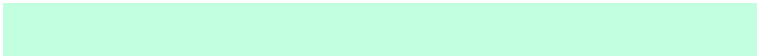
166.7710, 73.4450, 29.1010

Sweetspot

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



146.1430, -71.4680, -59.4360



233.3410, -26.7260, -22.2620



160.9000, 3.4510, -68.0770



114.7710, -15.9530, -13.7530



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.



168.1430, -71.4680, -59.4360



168.0650, -107.5000, -89.2600



155.2630, -97.1480, -34.5560



98.4400, -4.3550, -3.6750



107.0180, -72.6140, -60.6940



24.4720, -16.5490, -13.9650

Inverse Universe

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



98.8570, 71.4680, 59.4360



96.9350, 107.5000, 89.2600



89.7370, 97.1480, 34.5560



95.5600, 4.3550, 3.6750



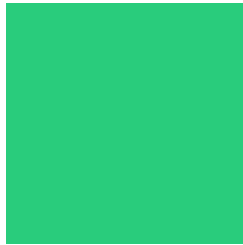
58.8680, 72.9350, 60.3830



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 146.1430, -71.4680, -59.4360 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 146.1430, -71.4680, -59.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

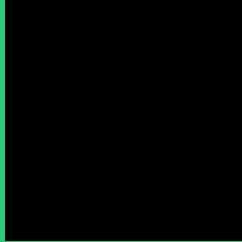
Any Text WCAG AA ✓ Pass

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 146.1430, -71.4680, -59.4360 Background



This preview shows how black text looks on a background with the YIQ color 146.1430, -71.4680, -59.4360.



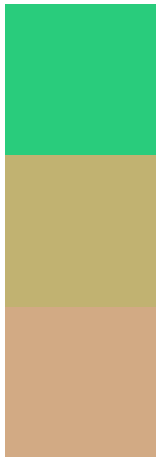
This preview shows how white text looks on a background with the YIQ color 146.1430, -71.4680, -59.4360.

-59.4360.

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

146.1430, -71.4680, -59.4360

Protanopia

175.0750, 29.8050, -17.0350

Deuteranopia

177.6280, 36.0380, -3.3380



Tritanopia

162.3360, -71.8880, -18.7680

Trichromacy



Original Color

146.1430, -71.4680, -59.4360



Protanomaly

164.3690, -6.7340, -32.1580



Deuteranomaly

166.0910, -2.6550, -23.4790



Tritanomaly

156.6650, -71.9770, -33.6810

Monochromacy



Original Color

146.1430, -71.4680, -59.4360



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.0530, -25.8550, -21.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1430, -71.4680, -59.4360 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(41, 204, 124)` looks like.

```
.text, #text, p{  
    color:rgb(41, 204, 124)  
}
```

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(41, 204, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 204, 124) }
```

Border

The CSS property to change the border of an element to YIQ 146.1430, -71.4680, -59.4360 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(41, 204, 124) }
```


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

```
.border{ border-color:rgb(41, 204, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 204, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 204, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 204, 124);  
box-shadow:4px 4px 4px 4px rgb(41, 204,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1430, -71.4680, -59.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 204, 124) }
```

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

```
.background{ background-color: rgb(41, 204,  
124) }
```

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