

Converting Colors

YIQ(148.1140, -100.0280,
-81.5000)

Have a look what the booklet for
YIQ(148.1140, -100.0280, -81.5000)
contains.

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Color

**YIQ(148.1140, -100.0280,
-81.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	02E478
RGB	2, 228, 120
RGB Percent	1%, 89%, 47%
CMY	0.9927, 0.1055, 0.5297
CMYK	0.99, 0.00, 0.47, 0.11
HSL	151°, 98%, 45%
HSV	151°, 99%, 89%
XYZ	31.1779, 56.9050, 27.0844
YIQ	148.1140, -100.0280, -81.5000

Conversions

Conversions Part 2

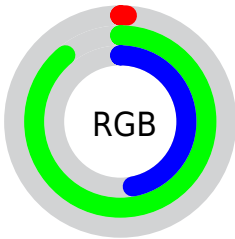
Format	Color
R_{YB}	2, 150, 228
Decimal	189560
CIE _{Lab}	80.13, -69.51, 39.95
CIE _{LCh}	80, 80.171, 150.109
Yxy	56.9050, 0.2707, 0.4941
Android (android.graphics.Color)	4278379640 (0xFF02E478)
YUV	148.1140, -13.8602, -128.1420
Hunter-Lab	75.4354, -58.2368, 31.5172

Details

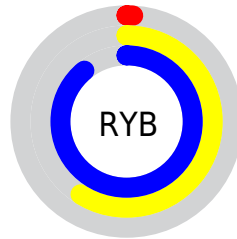
The YIQ color **148.1140, -100.0280, -81.5000** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **81.8860, 100.0280, 81.5000**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1120, -61.0150, -56.1430**, and **108.2430, -69.1740, -67.9740** is the 20% darker color. If you saturate the color by 10%, you get **147.4020, -100.8990, -82.2350**, and if you desaturate by 10%, it is **156.2450, -89.8510, -73.2030**.

Distribution



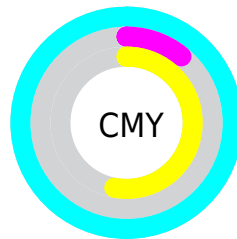
- Red (1%)
- Green (89%)
- Blue (47%)



- Red (1%)
- Yellow (59%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (99%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1140, -100.0280, -81.5000 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 148.1140, -100.0280, -81.5000 by changing the saturation by 10% instead.

■ 148.1140,
-100.0280, -81.5000

■ 148.1140,
-100.0280, -81.5000

■ 255.0000, -0.0000,
-0.0000

■ 127.5290,
-84.8990, -74.8430

■ 202.1120,
-61.0150, -56.1430

■ 108.2430,
-69.1740, -67.9740

■ 215.1710,
-50.3350, -40.4390

■ 88.9570, -53.4490,
-61.1050

■ 227.9310,
-40.2510, -24.9470

■ 70.0300, -37.3570,
-55.3810

■ 240.3490,
-29.2040, -10.3880

■ 52.8300, -24.7500,
-47.0700

■ 249.6180,
-10.7280, -3.8160

■ 38.1550, -17.8750,
-33.9950

■ 23.4800, -11.0000,

-20.9200

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 148.1140,
-100.0280, -81.5000

■ 148.1140,
-100.0280, -81.5000

■ 147.4020,
-100.8990, -82.2350

■ 156.2450,
-89.8510, -73.2030

■ 164.0770,
-80.2700, -65.1180

■ 172.2080,
-70.0930, -56.8210

■ 180.3390,
-59.9160, -48.5240

■ 188.3560,
-49.4180, -40.5380

■ 196.4870,
-39.2410, -32.2410

■ 204.6180,
-29.0640, -23.9440

■ 212.4500,
-19.4830, -15.8590

■ 220.5810, -9.3060,
-7.5620

Harmonies

Analogous

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



180.8590, 19.8640, -62.6640



148.1140, -100.0280, -81.5000



159.2290, -127.3120, -60.5920

Triad

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



148.1140, -100.0280, -81.5000



150.5790, -138.7800, -28.9560



170.6690, 73.4920, 22.7400

Complementary

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



148.1140, -100.0280, -81.5000



81.8860, 100.0280, 81.5000

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.



172.0610, 53.0380, 52.0300



148.1140, -100.0280, -81.5000



193.0460, -13.6680, 27.4520

Square

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



148.1140, -100.0280, -81.5000



161.1450, -143.7300, -38.3700



190.4300, 30.2500, 57.5300



180.9830, 85.7860, -12.8540

Rectangle

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



148.1140, -100.0280, -81.5000



165.6300, -143.9580, -45.2540



190.4300, 30.2500, 57.5300



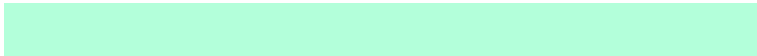
168.7090, 67.9880, 34.3880

Sweetspot

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



148.1140, -100.0280, -81.5000



228.0580, -33.4190, -27.6190



167.2530, 2.8140, -95.0900



111.7380, -20.3540, -16.5940



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.



148.1140, -100.0280, -81.5000



164.8470, -112.8180, -92.0020



158.0780, -133.5960, -45.8200



110.7280, -5.2260, -4.4100



115.6750, -79.0780, -64.6940



33.0150, -22.6920, -18.2760

Inverse Universe

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



81.8860, 100.0280, 81.5000



90.1530, 112.8180, 92.0020



71.9220, 133.5960, 45.8200



107.2720, 5.2260, 4.4100



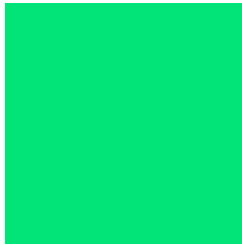
63.2110, 79.3990, 64.3830



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 148.1140, -100.0280, -81.5000 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 148.1140, -100.0280, -81.5000 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 148.1140, -100.0280, -81.5000 Background



This preview shows how black text looks on a background with the YIQ color 148.1140, -100.0280, -81.5000.



This preview shows how white text looks on a background with the YIQ color 148.1140, -100.0280, -81.5000.

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

148.1140, -100.0280, -81.5000

Protanopia

192.9480, 40.1680, -23.1280

Deuteranopia

195.7400, 47.2260, -7.8620



Tritanopia

178.4810, -82.6620, -21.7500

Trichromacy



Original Color

148.1140, -100.0280, -81.5000



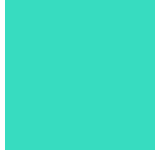
Protanomaly

176.5390, -10.6290, -44.1730



Deuteranomaly

178.6740, -6.2750, -34.9710



Tritanomaly

167.4730, -89.3520, -43.6880

Monochromacy



Original Color

148.1140, -100.0280, -81.5000



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.0360, -36.3530, -29.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1140, -100.0280, -81.5000 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(2, 228, 120)` looks like.

```
.text, #text, p{  
    color:rgb(2, 228, 120)  
}
```

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(2, 228, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 228, 120) }
```

Border

The CSS property to change the border of an element to YIQ 148.1140, -100.0280, -81.5000 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(2, 228, 120) }
```


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

```
.border{ border-color:rgb(2, 228, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 228, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 228, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 228, 120);  
box-shadow:4px 4px 4px 4px rgb(2, 228,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1140, -100.0280, -81.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 228, 120) }
```

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

```
.background{ background-color: rgb(2, 228,  
120) }
```

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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