

Converting Colors

YIQ(140.8340, -99.3530,
-11.1050)

Have a look what the booklet for
YIQ(140.8340, -99.3530, -11.1050)
contains.

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Color

**YIQ(140.8340, -99.3530,
-11.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	27AFE8
RGB	39, 175, 232
RGB Percent	15%, 69%, 91%
CMY	0.8473, 0.3135, 0.0906
CMYK	0.83, 0.25, 0.00, 0.09
HSL	198°, 81%, 53%
HSV	198°, 83%, 91%
XYZ	30.7247, 36.9320, 81.7699
YIQ	140.8340, -99.3530, -11.1050

Conversions

Conversions Part 2

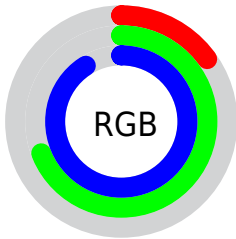
Format	Color
R _Y B	39, 119, 232
Decimal	2600936
CIE Lab	67.23, -15.58, -38.30
CIE LCh	67, 41.347, 247.862
Yxy	36.9320, 0.2056, 0.2472
Android (android.graphics.Color)	4280791016 (0xFF27AFE8)
YUV	140.8340, 44.9448, -89.3084
Hunter-Lab	60.7717, -16.1054, -37.2360

Details

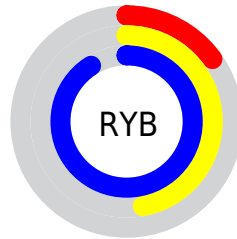
The YIQ color **140.8340, -99.3530, -11.1050** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **130.1660, 99.3530, 11.1050**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9490, -75.0520, -16.4920**, and **92.2650, -90.3210, -9.5930** is the 20% darker color. If you saturate the color by 10%, you get **129.8480, -111.1360, -12.3200**, and if you desaturate by 10%, it is **151.8200, -87.5700, -9.8900**.

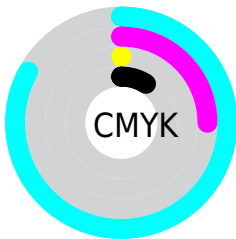
Distribution



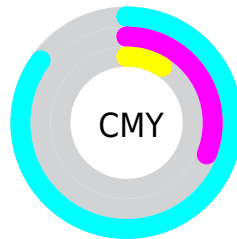
- Red (15%)
- Green (69%)
- Blue (91%)



- Red (15%)
- Yellow (47%)
- Blue (91%)



- Cyan (83%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.8340, -99.3530, -11.1050 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 140.8340, -99.3530, -11.1050 by changing the saturation by 10% instead.

■ 140.8340,
-99.3530, -11.1050

■ 140.8340,
-99.3530, -11.1050

■ 255.0000, -0.0000,
-0.0000

■ 110.1320,
-106.1840, -13.9600

■ 199.9490,
-75.0520, -16.4920

■ 92.2650, -90.3210,
-9.5930

■ 223.6050,
-62.5800, -22.2600

■ 74.5120, -74.7790,
-4.9150

■ 232.8740,
-44.1040, -15.6880

■ 57.4600, -59.8330,
-0.4490

■ 242.1430,
-25.6280, -9.1160

■ 41.1090, -45.4830,
3.8050

■ 251.7110, -6.5560,
-2.3320

■ 26.6330, -32.2790,
6.8010

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 140.8340,
-99.3530, -11.1050

■ 140.8340,
-99.3530, -11.1050

■ 129.8480,
-111.1360, -12.3200

■ 151.8200,
-87.5700, -9.8900

■ 122.7160,
-119.5720, -13.6200

■ 162.8060,
-75.7870, -8.6750

■ 174.0910,
-63.4080, -7.2480

■ 184.4900,
-51.3500, -5.5100

■ 195.4760,
-39.5670, -4.2950

■ 206.4620,
-27.7840, -3.0800

■ 217.4480,
-16.0010, -1.8650

■ 228.4340, -4.2180,
-0.6500

■ 239.7190, 8.1610,
0.7770

Harmonies

Analogous

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



129.9590, -116.5430, -29.9750



140.8340, -99.3530, -11.1050



160.0630, -47.8690, 14.0110

Triad

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



140.8340, -99.3530, -11.1050



166.5930, 53.4550, 27.9430



155.7290, 1.0600, -30.2360

Complementary

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



140.8340, -99.3530, -11.1050



130.1660, 99.3530, 11.1050

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.



160.1090, 32.4650, -21.1910



140.8340, -99.3530, -11.1050



164.9290, 60.6560, 13.0720

Square

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



140.8340, -99.3530, -11.1050



168.1900, 30.0250, 34.0650



162.8440, 52.8650, -5.4310



148.1340, -39.7450, -34.1210

Rectangle

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



140.8340, -99.3530, -11.1050



165.8280, -18.9860, 24.7100



162.8440, 52.8650, -5.4310



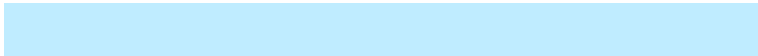
157.3560, 12.4760, -27.8760

Sweetspot

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



140.8340, -99.3530, -11.1050



224.7110, -32.9190, -3.6310



158.5610, -70.7300, -83.8340



109.2950, -19.9440, -1.9920



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.



140.8340, -99.3530, -11.1050



134.7300, -131.3550, -14.8350



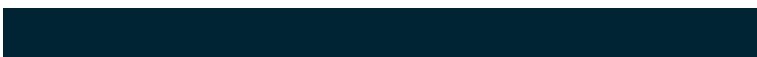
85.6560, -73.5030, 38.0570



109.0640, -6.0520, -0.4520



94.3680, -92.1090, -10.2290



26.9460, -26.2710, -2.9670

Inverse Universe

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



112.2110, 71.3720, 83.2120



96.7650, 94.2000, 110.0400



185.3440, 73.5030, -38.0570



107.5000, 4.5840, 5.0320



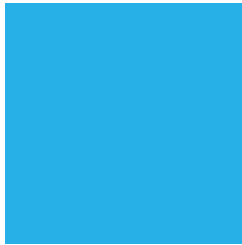
67.8850, 66.2380, 77.1340



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 140.8340, -99.3530, -11.1050 looks on a white background.

Color Contrast Check

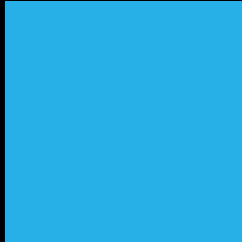
Large Text (above 18pt) WCAG AA × Fail

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 140.8340, -99.3530, -11.1050 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

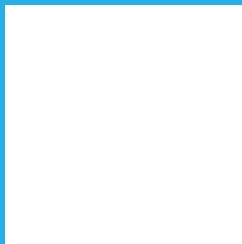
Any Text WCAG AAA ✓ Pass

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

YIQ 140.8340, -99.3530, -11.1050 Background



This preview shows how black text looks on a background with the YIQ color 140.8340, -99.3530, -11.1050.



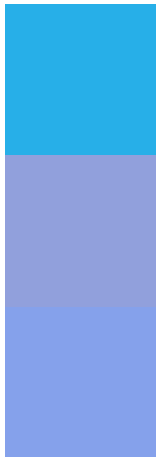
This preview shows how white text looks on a background with the YIQ color 140.8340, -99.3530, -11.1050.

-11.1050.

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

140.8340, -99.3530, -11.1050

Protanopia

162.3550, -28.2000, 15.4800

Deuteranopia

161.0640, -40.4420, 17.0780



Tritanopia

128.4770, -112.3700, -34.0180

Trichromacy



Original Color

140.8340, -99.3530, -11.1050

Protanomaly

154.0850, -54.1030, 5.8410

Deuteranomaly

153.7190, -61.7600, 6.9440

Tritanomaly

132.9710, -107.6490, -25.9610

Monochromacy



Original Color

140.8340, -99.3530, -11.1050

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7430, -35.9450, -3.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.8340, -99.3530, -11.1050 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(39, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(39, 175, 232)  
}
```

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(39, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 175, 232) }
```

Border

The CSS property to change the border of an element to YIQ 140.8340, -99.3530, -11.1050 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(39, 175, 232) }
```


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

```
.border{ border-color:rgb(39, 175, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 175, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(39, 175,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 140.8340, -99.3530, -11.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 175, 232) }
```

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

```
.background{ background-color: rgb(39, 175,  
232) }
```

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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