

Converting Colors

YIQ(241.8440, -26.2240,
-9.3280)

Have a look what the booklet for
YIQ(241.8440, -26.2240, -9.3280)
contains.

YIQ(241.8440, -26.2240, -9.3280)	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(241.8440, -26.2240,
-9.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFFF
RGB	211, 255, 255
RGB Percent	83%, 100%, 100%
CMY	0.1726, 0.0000, 0.0001
CMYK	0.17, 0.00, 0.00, 0.00
HSL	180°, 100%, 91%
HSV	180°, 17%, 100%
XYZ	80.6620, 92.5832, 108.2044
YIQ	241.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

Format	Color
R_{YB}	211, 233, 255
Decimal	13893631
CIE _{Lab}	97.06, -13.94, -4.66
CIE _{LCh}	97, 14.693, 198.473
Yxy	92.5832, 0.2866, 0.3290
Android (android.graphics.Color)	4292083711 (0xFFD3FFFF)
YUV	241.8440, 6.4859, -27.0502
Hunter-Lab	96.2202, -18.7475, 0.6796

Details

The YIQ color $241.8440, -26.2240, -9.3280$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $224.1560, 26.2240, 9.3280$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.4420, -25.0320, -8.9040$ is the 20% darker color. If you saturate the color by 10%, you get $234.0700, -41.7200, -14.8400$, and if you desaturate by 10%, it is $249.3190, -11.3240, -4.0280$.

Distribution



- Red (83%)
- Green (100%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.8440, -26.2240, -9.3280 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 241.8440, -26.2240, -9.3280 by changing the saturation by 10% instead.

■ 241.8440,
-26.2240, -9.3280

■ 241.8440,
-26.2240, -9.3280

■ 255.0000, -0.0000,
-0.0000

■ 213.1430,
-25.6280, -9.1160

■ 185.4420,
-25.0320, -8.9040

■ 158.4420,
-25.0320, -8.9040

■ 131.8550,
-24.7570, -8.3810

■ 106.7410,
-24.4360, -8.6920

■ 82.0400, -23.8400,
-8.4800

■ 58.1540, -24.1610,

-8.1690

■ 34.5450, -26.8200,
-9.5400

■ 18.9270, -16.0920,
-5.7240

■ 241.8440,
-26.2240, -9.3280

■ 241.8440,
-26.2240, -9.3280

■ 234.0700,
-41.7200, -14.8400

■ 249.3190,
-11.3240, -4.0280

■ 226.5950,
-56.6200, -20.1400

255.0000, -0.0000,
-0.0000

■ 218.8210,
-72.1160, -25.6520

■ 211.3460,
-87.0160, -30.9520

■ 203.5720,
-102.5120, -36.4640

■ 196.0970,
-117.4120, -41.7640

■ 188.3230,
-132.9080, -47.2760

■ 180.8480,
-147.8080, -52.5760

■ 178.7550,
-151.9800, -54.0600

Harmonies

Analogous

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



242.2270, -17.2370, -12.5090



241.8440, -26.2240, -9.3280



241.2680, -24.4820, -7.8580

Triad

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



241.8440, -26.2240, -9.3280



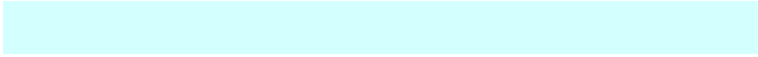
246.1950, 4.1250, 7.8450



244.4390, 14.5810, -5.4430

Complementary

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



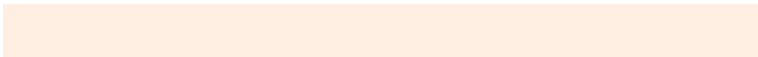
241.8440, -26.2240, -9.3280



224.1560, 26.2240, 9.3280

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.



242.3020, 13.7090, -0.6510



241.8440, -26.2240, -9.3280



244.2060, 5.5920, 8.7920

Square

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



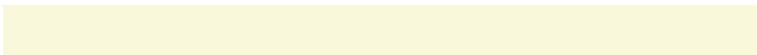
241.8440, -26.2240, -9.3280



245.5420, -4.4020, 2.6860



242.4960, 10.4070, 4.1270



244.9930, 9.9050, -8.8070

Rectangle

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



241.8440, -26.2240, -9.3280



242.1870, -19.7600, -5.3280



242.4960, 10.4070, 4.1270



243.3790, 14.8100, -4.0860

Sweetspot

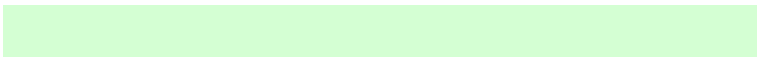
The Sweet Spot groups the original color and five complimentary colors.



241.8440, -26.2240, -9.3280



251.1130, -7.7480, -2.7560



237.1270, -11.5040, -22.8000



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

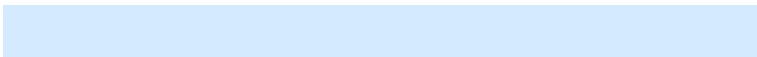
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8440, -26.2240, -9.3280



238.8540, -32.1840, -11.4480



229.5170, -20.4490, 1.6550



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



44.8640, -38.1440, -13.5680

Inverse Universe

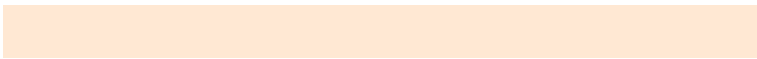
The Inverse Universe completely reimagines the original color for something new.



224.1560, 26.2240, 9.3280



217.1460, 32.1840, 11.4480



236.4830, 20.4490, -1.6550



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 241.8440, -26.2240, -9.3280 looks on a white background.

Color Contrast Check

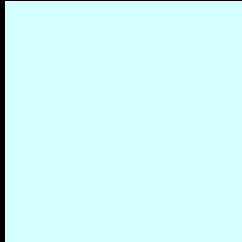
Large Text (above 18pt) WCAG AA × Fail

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 241.8440, -26.2240, -9.3280 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 241.8440, -26.2240, -9.3280

Background



This preview shows how black text looks on a background with the YIQ color 241.8440, -26.2240, -9.3280.



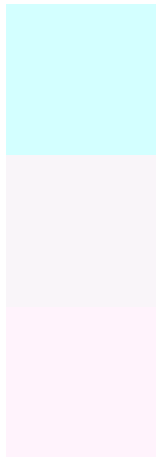
This preview shows how white text looks on a background with the YIQ color 241.8440, -26.2240, -9.3280.

-9.3280.

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

241.8440, -26.2240, -9.3280

Protanopia

246.6520, 1.1000, 2.0920

Deuteranopia

247.6140, 4.2630, 5.3430



Tritanopia

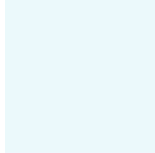
245.2100, -9.3990, -0.3670

Trichromacy



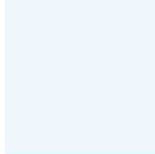
Original Color

241.8440, -26.2240, -9.3280



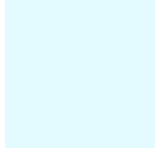
Protanomaly

245.0420, -8.9860, -2.3460



Deuteranomaly

245.2920, -6.6940, 0.1700



Tritanomaly

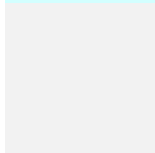
244.2800, -15.5880, -3.8440

Monochromacy



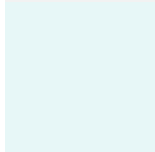
Original Color

241.8440, -26.2240, -9.3280



Achromatopsia

242.0000, -0.0000, 0.0000



Achromatomaly

242.2160, -9.5360, -3.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.8440, -26.2240, -9.3280 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(211, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 255)  
}
```

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(211, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 255) }
```

Border

The CSS property to change the border of an element to YIQ 241.8440, -26.2240, -9.3280 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(211, 255, 255) }
```


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

```
.border{ border-color:rgb(211, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 241.8440, -26.2240, -9.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 255) }
```

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

```
.background{ background-color: rgb(211,  
255, 255) }
```

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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