

Converting Colors

YIQ(241.4640, -22.0980,
-7.0100)

Have a look what the booklet for
YIQ(241.4640, -22.0980, -7.0100)
contains.

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Color

**YIQ(241.4640, -22.0980,
-7.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FCFE
RGB	216, 252, 254
RGB Percent	85%, 99%, 100%
CMY	0.1530, 0.0117, 0.0040
CMYK	0.15, 0.01, 0.00, 0.00
HSL	183°, 95%, 92%
HSV	183°, 15%, 100%
XYZ	81.0134, 91.3803, 107.1151
YIQ	241.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

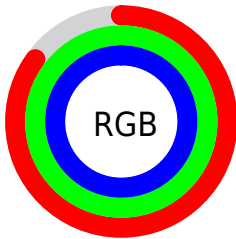
Format	Color
R _Y B	216, 234, 254
Decimal	14220542
CIE Lab	96.57, -11.13, -4.83
CIE LCh	97, 12.133, 203.467
Yxy	91.3803, 0.2898, 0.3269
Android (android.graphics.Color)	4292410622 (0xFFD8FCFE)
YUV	241.4640, 6.1802, -22.3319
Hunter-Lab	95.5930, -16.0121, 0.4787

Details

The YIQ color $241.4640, -22.0980, -7.0100$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.5360, 22.0980, 7.0100$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.0620, -20.9060, -6.5860$ is the 20% darker color. If you saturate the color by 10%, you get $233.4020, -36.7230, -11.7870$, and if you desaturate by 10%, it is $249.5260, -7.4730, -2.2330$.

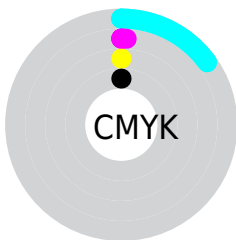
Distribution



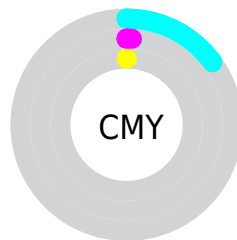
- Red (85%)
- Green (99%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.4640, -22.0980, -7.0100 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 241.4640, -22.0980, -7.0100 by changing the saturation by 10% instead.

241.4640,
-22.0980, -7.0100

241.4640,
-22.0980, -7.0100

255.0000, -0.0000,
-0.0000

212.7630,
-21.5020, -6.7980

185.0620,
-20.9060, -6.5860

158.0620,
-20.9060, -6.5860

132.0620,
-20.9060, -6.5860

106.3610,
-20.3100, -6.3740

81.6600, -19.7140,
-6.1620

58.6600, -19.7140,

-6.1620

■ 36.0620, -20.9060,
-6.5860

■ 18.3400, -15.8170,
-5.2010

■ 241.4640,
-22.0980, -7.0100

■ 241.4640,
-22.0980, -7.0100

■ 233.4020,
-36.7230, -11.7870

■ 249.5260, -7.4730,
-2.2330

■ 224.4540,
-51.6690, -16.2530

254.8860, 0.3210,
-0.3110

■ 216.3920,
-66.2940, -21.0300

■ 208.0310,
-81.5150, -26.0190

■ 199.3820,
-95.8650, -30.2730

■ 191.3200,
-110.4900, -35.0500

■ 182.9590,
-125.7110, -40.0390

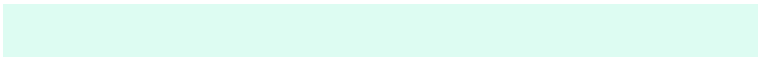
■ 174.8970,
-140.3360, -44.8160

■ 170.4230,
-147.8090, -47.0490

Harmonies

Analogous

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



241.5910, -15.2660, -9.6820



241.4640, -22.0980, -7.0100



241.3010, -20.0810, -5.0170

Triad

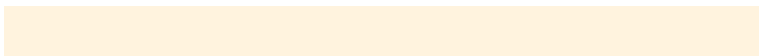
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.4640, -22.0980, -7.0100



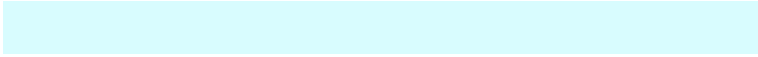
245.6080, 4.4000, 8.3680



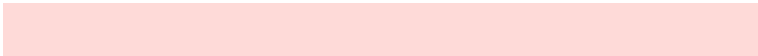
244.1940, 13.8930, -3.9870

Complementary

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



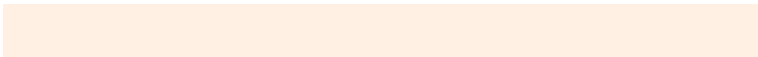
241.4640, -22.0980, -7.0100



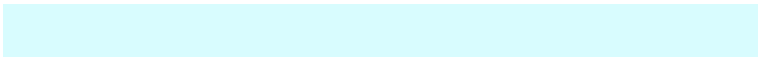
228.5360, 22.0980, 7.0100

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.



243.0030, 13.1130, -0.8630



241.4640, -22.0980, -7.0100



243.6360, 7.1970, 7.2370

Square

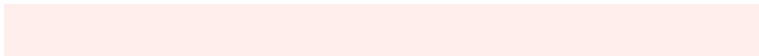
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



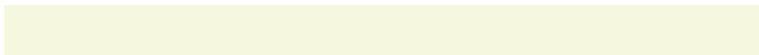
241.4640, -22.0980, -7.0100



244.6670, -3.2560, 3.9440



242.8550, 10.7740, 2.9820



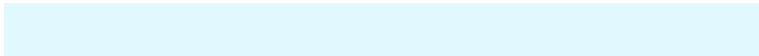
243.6660, 6.5120, -7.8880

Rectangle

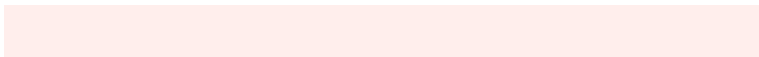
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.4640, -22.0980, -7.0100



242.2200, -15.3590, -2.4870



242.8550, 10.7740, 2.9820



243.7210, 13.8470, -3.1530

Sweetspot

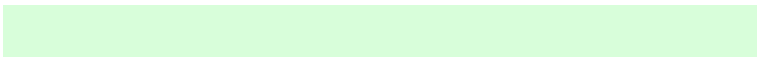
The Sweet Spot groups the original color and five complimentary colors.



241.4640, -22.0980, -7.0100



251.4230, -5.6850, -1.5970



238.5340, -11.0920, -19.2520



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

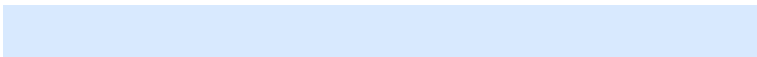
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.4640, -22.0980, -7.0100



240.0720, -26.8660, -8.7060



230.3110, -16.8730, 2.9270



123.5260, -7.4730, -2.2330



128.0210, -111.0860, -35.2620



42.5160, -37.0440, -11.4760

Inverse Universe

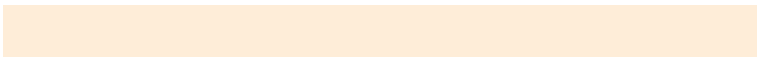
The Inverse Universe completely reimagines the original color for something new.



231.4660, 11.0920, 19.2520



227.7700, 13.2920, 23.4360



239.6890, 16.8730, -2.9270



120.2550, 3.8960, 6.4880



77.7430, 55.7350, 96.7830



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 241.4640, -22.0980, -7.0100 looks on a white background.

Color Contrast Check

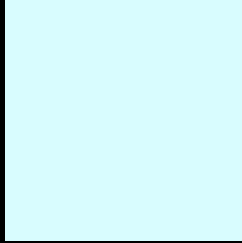
Large Text (above 18pt) WCAG AA × Fail

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 241.4640, -22.0980, -7.0100 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 241.4640, -22.0980, -7.0100

Background



This preview shows how black text looks on a background with the YIQ color 241.4640, -22.0980, -7.0100.



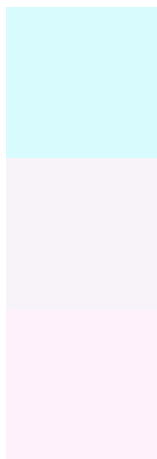
This preview shows how white text looks on a background with the YIQ color 241.4640, -22.0980, -7.0100.

-7.0100.

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

241.4640, -22.0980, -7.0100

Protanopia

245.1790, 1.0540, 2.9260

Deuteranopia

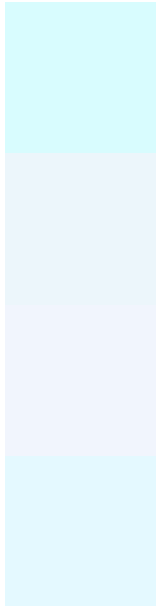
246.4400, 4.8130, 6.3890



Tritanopia

244.3240, -9.7200, -0.0560

Trichromacy



Original Color

241.4640, -22.0980, -7.0100

Protanomaly

243.5800, -7.5650, -0.5650

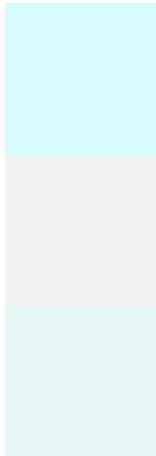
Deuteranomaly

244.7160, -4.9520, 1.6400

Tritanomaly

243.4050, -14.4420, -2.5860

Monochromacy



Original Color

241.4640, -22.0980, -7.0100

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.4640, -22.0980, -7.0100 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(216, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(216, 252, 254)  
}
```

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(216, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 252, 254) }
```

Border

The CSS property to change the border of an element to YIQ 241.4640, -22.0980, -7.0100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

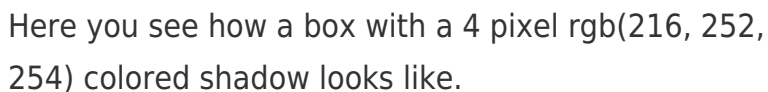
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 252, 254) }
```


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

```
.border{ border-color:rgb(216, 252, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 252, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 252, 254); box-shadow:4px 4px 4px 4px rgb(216, 252, 254) }
```

Background

The CSS property to change the background color of an element to YIQ 241.4640, -22.0980, -7.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 252, 254) }
```

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

```
.background{ background-color: rgb(216,  
252, 254) }
```

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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