

Converting Colors

YIQ(241.2200, -15.3590,
-2.4870)

Have a look what the booklet for
YIQ(241.2200, -15.3590, -2.4870)
contains.

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Color

**YIQ(241.2200, -15.3590,
-2.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F7FE
RGB	225, 247, 254
RGB Percent	88%, 97%, 100%
CMY	0.1177, 0.0313, 0.0040
CMYK	0.11, 0.03, 0.00, 0.00
HSL	194°, 93%, 94%
HSV	194°, 11%, 100%
XYZ	82.1978, 89.6875, 106.7308
YIQ	241.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

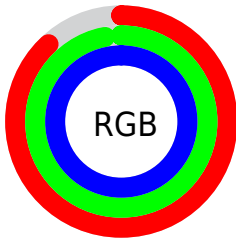
Format	Color
R_{YB}	225, 238, 254
Decimal	14809086
CIE _{Lab}	95.87, -5.82, -5.80
CIE _{LCh}	96, 8.213, 224.919
Yxy	89.6875, 0.2950, 0.3219
Android (android.graphics.Color)	4292999166 (0xFFE1F7FE)
YUV	241.2200, 6.3005, -14.2249
Hunter-Lab	94.7035, -10.8021, -0.5274

Details

The YIQ color $241.2200, -15.3590, -2.4870$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.7800, 15.3590, 2.4870$, 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 $185.4050, -14.4420, -2.5860$ is the 20% darker color. If you saturate the color by 10%, you get $230.2230, -28.6090, -4.6490$, and if you desaturate by 10%, it is $252.2170, -2.1090, -0.3250$.

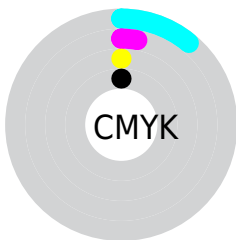
Distribution



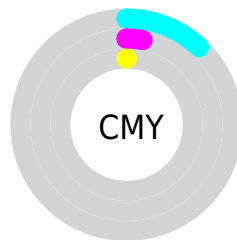
- Red (88%)
- Green (97%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.2200, -15.3590, -2.4870 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 241.2200, -15.3590, -2.4870 by changing the saturation by 10% instead.

■ 241.2200,
-15.3590, -2.4870

■ 241.2200,
-15.3590, -2.4870

255.0000, -0.0000,
-0.0000

■ 213.1060,
-15.0380, -2.7980

■ 185.4050,
-14.4420, -2.5860

■ 158.4050,
-14.4420, -2.5860

■ 131.8180,
-14.1670, -2.0630

■ 106.7040,
-13.8460, -2.3740

■ 82.5900, -13.5250,
-2.6850

■ 59.3020, -12.6540,

-1.9500

■ 37.1880, -12.3330,
-2.2610

■ 15.9920, -14.7170,
-3.1090

■ 241.2200,
-15.3590, -2.4870

■ 241.2200,
-15.3590, -2.4870

■ 230.2230,
-28.6090, -4.6490

■ 252.2170, -2.1090,
-0.3250

■ 218.9270,
-42.4550, -7.0230

254.8860, 0.3210,
-0.3110

■ 207.9300,
-55.7050, -9.1850

■ 196.6340,
-69.5510, -11.5590

■ 185.0500,
-82.5260, -13.1980

■ 174.0530,
-95.7760, -15.3600

■ 162.7570,
-109.6220, -17.7340

■ 151.7600,
-122.8720, -19.8960

■ 142.2470,
-134.6090, -21.9450

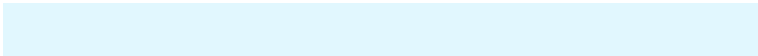
Harmonies

Analogous

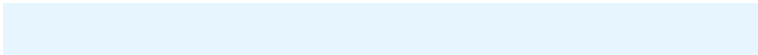
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7100, -13.9830, -5.3990



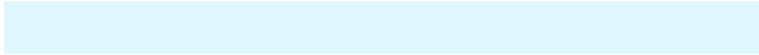
241.2200, -15.3590, -2.4870



241.9540, -11.5540, 0.1420

Triad

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



241.2200, -15.3590, -2.4870



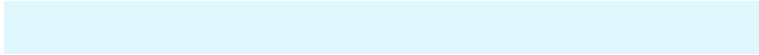
244.1090, 7.2430, 6.4030



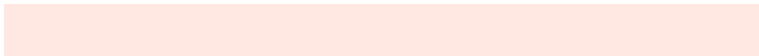
242.7740, 6.3280, -4.5520

Complementary

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



241.2200, -15.3590, -2.4870



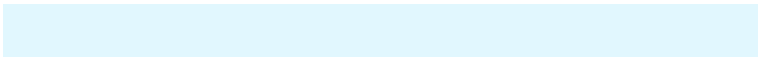
237.7800, 15.3590, 2.4870

Split Complementary

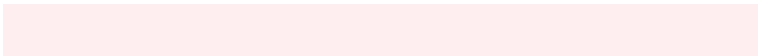
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.4050, 11.9210, -1.2870



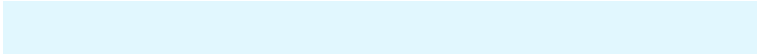
241.2200, -15.3590, -2.4870



243.1970, 9.8110, 3.9150

Square

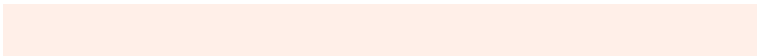
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2200, -15.3590, -2.4870



244.5860, 1.4660, 6.4740



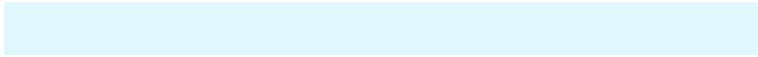
242.9860, 11.7830, 1.2150



241.4140, -1.4660, -6.4740

Rectangle

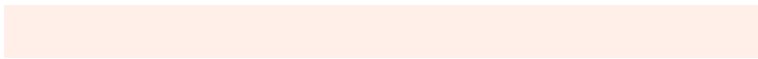
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2200, -15.3590, -2.4870



242.5740, -7.4280, 2.4600



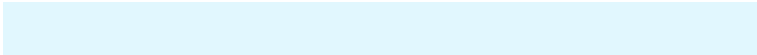
242.9860, 11.7830, 1.2150



242.9700, 8.7120, -3.7040

Sweetspot

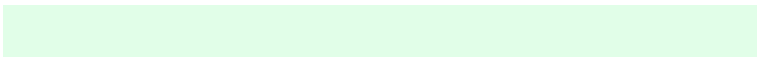
The Sweet Spot groups the original color and five complimentary colors.



241.2200, -15.3590, -2.4870



251.4340, -4.2180, -0.6500



242.8210, -10.2220, -12.9900



125.0320, -3.0260, -0.2260



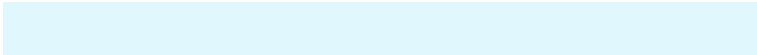
0.0000, 0.0000, 0.0000



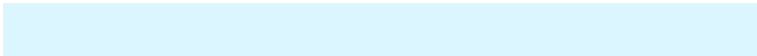
128.0000, -0.0000, -0.0000

Same Dimension

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



241.2200, -15.3590, -2.4870



238.9530, -18.9810, -2.9250



233.0020, -11.5090, 4.8350



121.7650, -6.6480, -0.6640



106.8890, -101.1860, -16.4340



35.4720, -33.7440, -5.2000

Inverse Universe

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



236.1790, 10.2220, 12.9900



232.8420, 12.7890, 16.0290



245.9980, 11.5090, -4.8350



119.9130, 4.8590, 5.5550



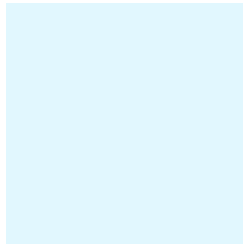
73.6390, 67.2910, 85.5870



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 241.2200, -15.3590, -2.4870 looks on a white background.

Color Contrast Check

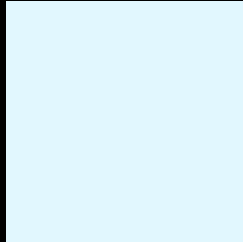
Large Text (above 18pt) WCAG AA × Fail

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 241.2200, -15.3590, -2.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

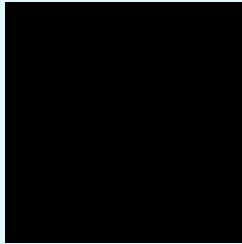
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.2200, -15.3590, -2.4870

Background



This preview shows how black text looks on a background with the YIQ color 241.2200, -15.3590, -2.4870.



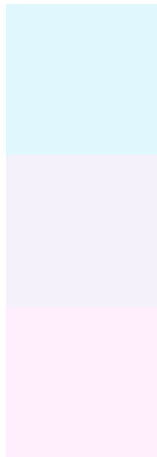
This preview shows how white text looks on a background with the YIQ color 241.2200, -15.3590,

-2.4870.

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

241.2200, -15.3590, -2.4870

Protanopia

243.3360, -0.8260, 3.9580

Deuteranopia

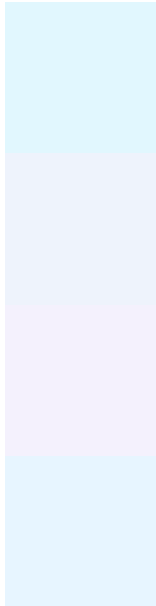
244.6790, 5.6380, 7.9580



Tritanopia

242.2640, -9.4910, 1.3010

Trichromacy



Original Color

241.2200, -15.3590, -2.4870

Protanomaly

242.5310, -5.8690, 1.7390

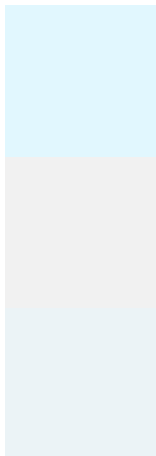
Deuteranomaly

243.2650, -2.0640, 4.3680

Tritanomaly

241.9540, -11.5540, 0.1420

Monochromacy



Original Color

241.2200, -15.3590, -2.4870

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.9500, -5.7310, -0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2200, -15.3590, -2.4870 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(225, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 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(225, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 254) }
```

Border

The CSS property to change the border of an element to YIQ 241.2200, -15.3590, -2.4870 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(225, 247, 254) }
```


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

```
.border{ border-color:rgb(225, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 247,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2200, -15.3590, -2.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 254) }
```

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

```
.background{ background-color: rgb(225,  
247, 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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