

Converting Colors

YIQ(241.7740, -20.0350,
-5.8510)

Have a look what the booklet for
YIQ(241.7740, -20.0350, -5.8510)
contains.

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Color

**YIQ(241.7740, -20.0350,
-5.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFBFE
RGB	219, 251, 254
RGB Percent	86%, 98%, 100%
CMY	0.1412, 0.0156, 0.0040
CMYK	0.14, 0.01, 0.00, 0.00
HSL	185°, 94%, 93%
HSV	185°, 14%, 100%
XYZ	81.5952, 91.2143, 107.0540
YIQ	241.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

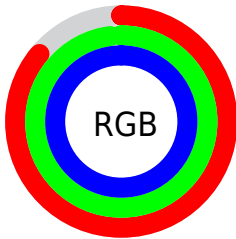
Format	Color
R _Y B	219, 236, 254
Decimal	14416894
CIE Lab	96.50, -9.70, -4.91
CIE LCh	96, 10.876, 206.845
Yxy	91.2143, 0.2916, 0.3259
Android (android.graphics.Color)	4292606974 (0xFFDBFBFE)
YUV	241.7740, 6.0274, -19.9728
Hunter-Lab	95.5062, -14.6354, 0.3955

Details

The YIQ color $241.7740, -20.0350, -5.8510$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.2260, 20.0350, 5.8510$, 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 $185.3720, -18.8430, -5.4270$ is the 20% darker color. If you saturate the color by 10%, you get $233.1250, -34.3850, -10.1050$, and if you desaturate by 10%, it is $250.4230, -5.6850, -1.5970$.

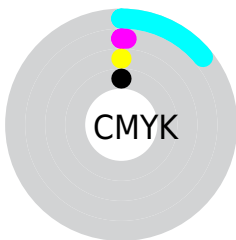
Distribution



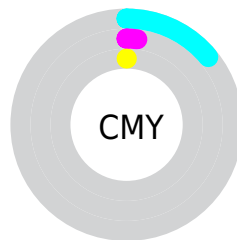
- Red (86%)
- Green (98%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.7740, -20.0350, -5.8510 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 241.7740, -20.0350, -5.8510 by changing the saturation by 10% instead.

■ 241.7740,
-20.0350, -5.8510

■ 241.7740,
-20.0350, -5.8510

255.0000, -0.0000,
-0.0000

■ 213.0730,
-19.4390, -5.6390

■ 185.3720,
-18.8430, -5.4270

■ 158.3720,
-18.8430, -5.4270

■ 132.3720,
-18.8430, -5.4270

■ 106.6710,
-18.2470, -5.2150

■ 82.5570, -17.9260,
-5.5260

■ 58.9700, -17.6510,

-5.0030

■ 36.9700, -17.6510,
-5.0030

■ 17.7530, -15.5420,
-4.6780

■ 241.7740,
-20.0350, -5.8510

■ 241.7740,
-20.0350, -5.8510

■ 233.1250,
-34.3850, -10.1050

■ 250.4230, -5.6850,
-1.5970

■ 224.1770,
-49.3310, -14.5710

254.8860, 0.3210,
-0.3110

■ 215.5280,
-63.6810, -18.8250

■ 205.9930,
-78.3520, -22.7680

■ 197.3440,
-92.7020, -27.0220

■ 188.6950,
-107.0520, -31.2760

■ 179.7470,
-121.9980, -35.7420

■ 171.0980,
-136.3480, -39.9960

■ 165.1400,
-145.3340, -42.3420

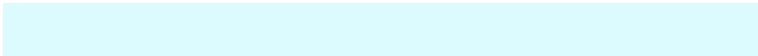
Harmonies

Analogous

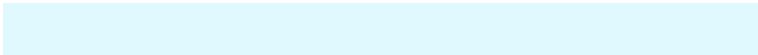
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4170, -14.7160, -8.6360



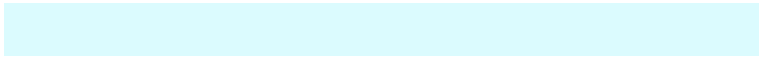
241.7740, -20.0350, -5.8510



241.9100, -17.4220, -3.6460

Triad

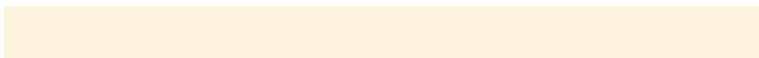
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.7740, -20.0350, -5.8510



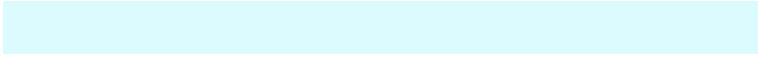
246.1950, 4.1250, 7.8450



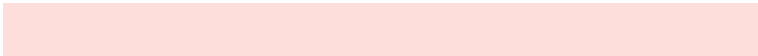
245.0090, 12.9760, -3.8880

Complementary

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



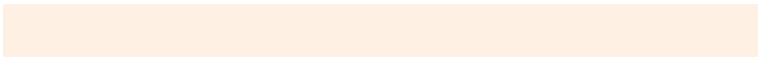
241.7740, -20.0350, -5.8510



231.2260, 20.0350, 5.8510

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.



243.1170, 12.7920, -0.5520



241.7740, -20.0350, -5.8510



243.9950, 7.5640, 6.0920

Square

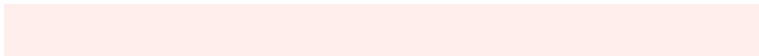
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



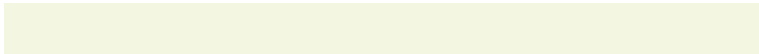
241.7740, -20.0350, -5.8510



245.2650, -2.0640, 4.3680



242.8550, 10.7740, 2.9820



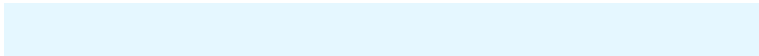
243.4100, 4.3570, -7.3790

Rectangle

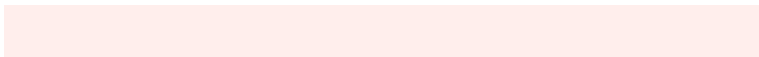
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



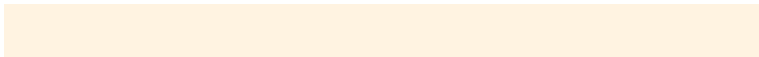
241.7740, -20.0350, -5.8510



242.5300, -13.2960, -1.3280



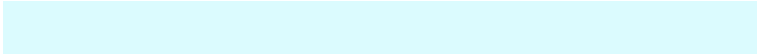
242.8550, 10.7740, 2.9820



244.5360, 12.9300, -3.0540

Sweetspot

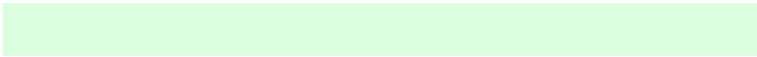
The Sweet Spot groups the original color and five complimentary colors.



241.7740, -20.0350, -5.8510



251.4230, -5.6850, -1.5970



239.8870, -10.5880, -17.3720



125.3200, -3.8970, -0.9610



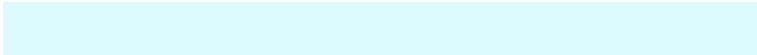
0.0000, 0.0000, 0.0000



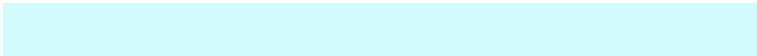
128.0000, -0.0000, -0.0000

Same Dimension

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



241.7740, -20.0350, -5.8510



239.7950, -24.5280, -7.0240



231.7950, -15.3600, 3.0400



122.9390, -7.1980, -1.7100



124.4990, -109.4360, -32.1240



41.3420, -36.4940, -10.4300

Inverse Universe

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



233.1130, 10.5880, 17.3720



229.3030, 13.1090, 21.2450



241.2050, 15.3600, -3.0400



120.1410, 4.2170, 6.1770



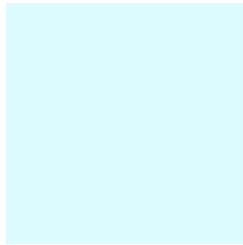
77.0590, 57.6610, 94.9170



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 241.7740, -20.0350, -5.8510 looks on a white background.

Color Contrast Check

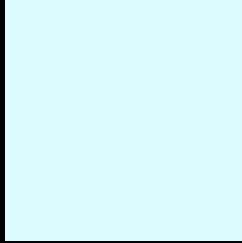
Large Text (above 18pt) WCAG AA × Fail

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 241.7740, -20.0350, -5.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

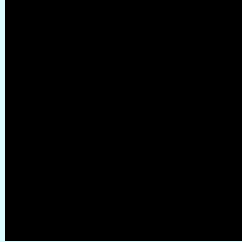
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.7740, -20.0350, -5.8510

Background



This preview shows how black text looks on a background with the YIQ color 241.7740, -20.0350, -5.8510.



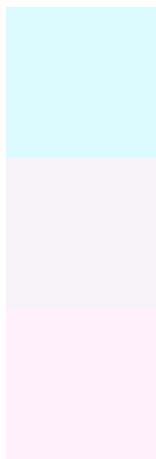
This preview shows how white text looks on a background with the YIQ color 241.7740, -20.0350, -5.8510.

-5.8510.

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

241.7740, -20.0350, -5.8510

Protanopia

244.8800, 0.4580, 2.7140

Deuteranopia

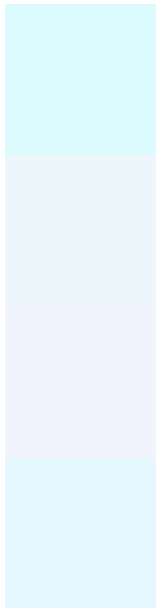
245.8530, 5.0880, 6.9120



Tritanopia

243.7370, -9.4450, 0.4670

Trichromacy



Original Color

241.7740, -20.0350, -5.8510

Protanomaly

243.8790, -6.9690, -0.3530

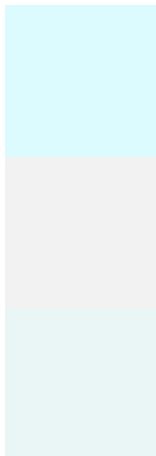
Deuteranomaly

244.4280, -4.0810, 2.3750

Tritanomaly

243.1170, -13.5710, -1.8510

Monochromacy



Original Color

241.7740, -20.0350, -5.8510

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.8250, -6.8770, -2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.7740, -20.0350, -5.8510 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(219, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 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(219, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 254) }
```

Border

The CSS property to change the border of an element to YIQ 241.7740, -20.0350, -5.8510 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(219, 251, 254) }
```


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

```
.border{ border-color:rgb(219, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 241.7740, -20.0350, -5.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 254) }
```

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

```
.background{ background-color: rgb(219,  
251, 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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