

Converting Colors

YIQ(243.9480, -20.5850,
-6.8970)

Have a look what the booklet for
YIQ(243.9480, -20.5850, -6.8970)
contains.

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Color

**YIQ(243.9480, -20.5850,
-6.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFEFF
RGB	220, 254, 255
RGB Percent	86%, 100%, 100%
CMY	0.1373, 0.0038, 0.0001
CMYK	0.14, 0.00, 0.00, 0.00
HSL	182°, 100%, 93%
HSV	182°, 14%, 100%
XYZ	83.0020, 93.3238, 108.2286
YIQ	243.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

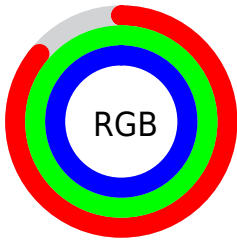
Format	Color
R _Y B	220, 237, 255
Decimal	14483199
CIE Lab	97.36, -10.70, -4.15
CIE LCh	97, 11.475, 201.213
Yxy	93.3238, 0.2917, 0.3280
Android (android.graphics.Color)	4292673279 (0xFFDCFEFF)
YUV	243.9480, 5.4486, -21.0024
Hunter-Lab	96.6042, -15.6910, 1.1986

Details

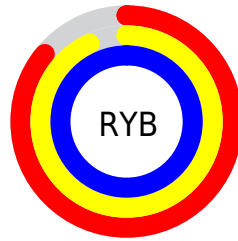
The YIQ color $243.9480, -20.5850, -6.8970$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.0520, 20.5850, 6.8970$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.5460, -19.3930, -6.4730$ is the 20% darker color. If you saturate the color by 10%, you get $235.5870, -35.8060, -11.8860$, and if you desaturate by 10%, it is $252.0100, -5.9600, -2.1200$.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.9480, -20.5850, -6.8970 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 243.9480, -20.5850, -6.8970 by changing the saturation by 10% instead.

243.9480,
-20.5850, -6.8970

243.9480,
-20.5850, -6.8970

255.0000, -0.0000,
-0.0000

215.2470,
-19.9890, -6.6850

187.5460,
-19.3930, -6.4730

160.5460,
-19.3930, -6.4730

134.5460,
-19.3930, -6.4730

108.8450,
-18.7970, -6.2610

84.1440, -18.2010,
-6.0490

61.1440, -18.2010,

-6.0490

■ 38.1440, -18.2010,
-6.0490

■ 18.9270, -16.0920,
-5.7240

■ 243.9480,
-20.5850, -6.8970

■ 243.9480,
-20.5850, -6.8970

■ 235.5870,
-35.8060, -11.8860

■ 252.0100, -5.9600,
-2.1200

■ 228.1120,
-50.7060, -17.1860

255.0000, -0.0000,
-0.0000

■ 219.7510,
-65.9270, -22.1750

■ 211.6890,
-80.5520, -26.9520

■ 203.9150,
-96.0480, -32.4640

■ 195.8530,
-110.6730, -37.2410

■ 187.4920,
-125.8940, -42.2300

■ 179.4300,
-140.5190, -47.0070

■ 174.6460,
-150.0550, -50.3990

Harmonies

Analogous

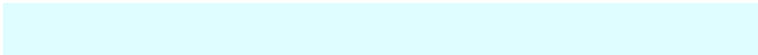
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.1890, -14.0740, -9.2580



243.9480, -20.5850, -6.8970



243.6710, -18.2470, -5.2150

Triad

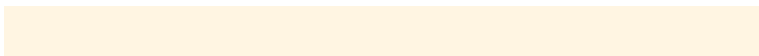
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.9480, -20.5850, -6.8970



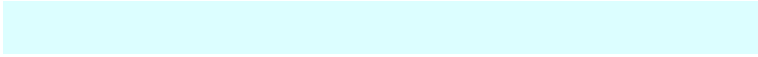
247.3690, 3.5750, 6.7990



245.8240, 12.0590, -3.7890

Complementary

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



243.9480, -20.5850, -6.8970



231.0520, 20.5850, 6.8970

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.



244.5190, 11.6000, -0.9760



243.9480, -20.5850, -6.8970



245.7390, 5.4090, 6.6010

Square

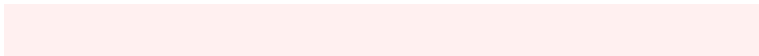
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.9480, -20.5850, -6.8970



247.0260, -2.8890, 2.7990



244.4850, 8.9400, 3.1800



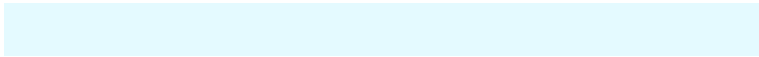
246.1930, 6.4660, -7.0540

Rectangle

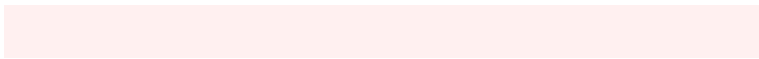
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



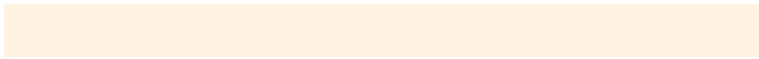
243.9480, -20.5850, -6.8970



243.9920, -14.7170, -3.1090



244.4850, 8.9400, 3.1800



245.3510, 12.0130, -2.9550

Sweetspot

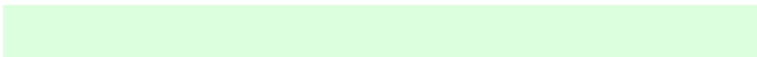
The Sweet Spot groups the original color and five complimentary colors.



243.9480, -20.5850, -6.8970



252.0100, -5.9600, -2.1200



240.6590, -9.9460, -17.9940



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

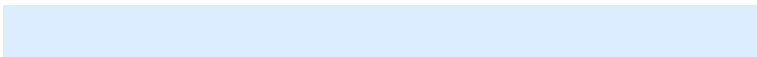
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.9480, -20.5850, -6.8970



242.1540, -24.1610, -8.1690



233.9690, -15.9100, 1.9940



123.5260, -7.4730, -2.2330



130.9560, -112.4610, -37.8770



43.6900, -37.5940, -12.5220

Inverse Universe

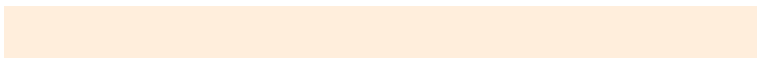
The Inverse Universe completely reimagines the original color for something new.



234.3410, 9.9460, 17.9940



230.8190, 11.5960, 21.1320



241.0310, 15.9100, -1.9940



120.2550, 3.8960, 6.4880



78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 243.9480, -20.5850, -6.8970 looks on a white background.

Color Contrast Check

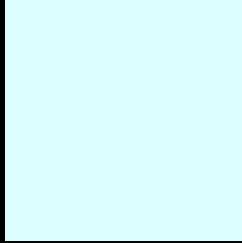
Large Text (above 18pt) WCAG AA × Fail

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 243.9480, -20.5850, -6.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

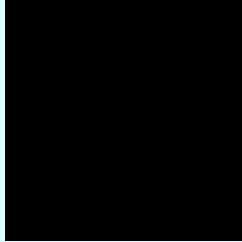
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

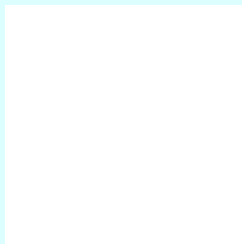
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.9480, -20.5850, -6.8970

Background



This preview shows how black text looks on a background with the YIQ color 243.9480, -20.5850, -6.8970.



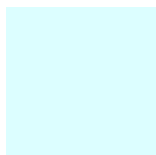
This preview shows how white text looks on a background with the YIQ color 243.9480, -20.5850, -6.8970.

-6.8970.

Color Blindness Simulation

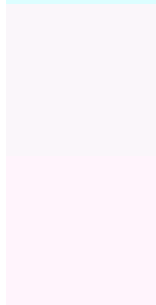
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

243.9480, -20.5850, -6.8970



Protanopia

247.6520, 1.1000, 2.0920

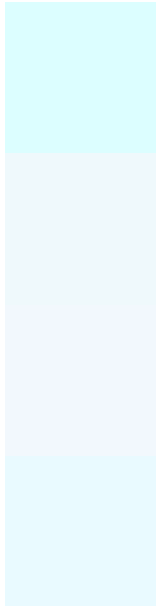
Deuteranopia

248.2010, 3.9880, 4.8200

Tritanopia

246.4060, -7.0150, 0.4810

Trichromacy



Original Color

243.9480, -20.5850, -6.8970

Protanomaly

246.3520, -6.9230, -1.1870

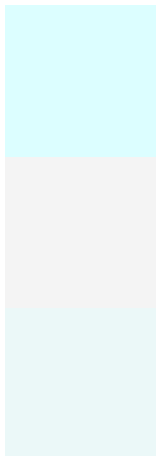
Deuteranomaly

246.7760, -5.1810, 0.2830

Tritanomaly

245.4870, -11.7370, -2.0490

Monochromacy



Original Color

243.9480, -20.5850, -6.8970

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.1130, -7.7480, -2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.9480, -20.5850, -6.8970 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(220, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 254, 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(220, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 254, 255) }
```

Border

The CSS property to change the border of an element to YIQ 243.9480, -20.5850, -6.8970 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(220, 254, 255) }
```


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

```
.border{ border-color:rgb(220, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 254,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 243.9480, -20.5850, -6.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 254, 255) }
```

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

```
.background{ background-color: rgb(220,  
254, 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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