

Converting Colors

YIQ(244.3780, -18.9800,
-8.4520)

Have a look what the booklet for
YIQ(244.3780, -18.9800, -8.4520)
contains.

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Color

**YIQ(244.3780, -18.9800,
-8.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFFB
RGB	221, 255, 251
RGB Percent	87%, 100%, 98%
CMY	0.1334, 0.0000, 0.0158
CMYK	0.13, 0.00, 0.02, 0.00
HSL	173°, 100%, 93%
HSV	173°, 13%, 100%
XYZ	82.9820, 93.8527, 104.9933
YIQ	244.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

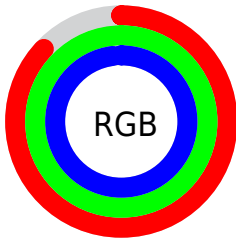
Format	Color
R_{YB}	221, 239, 255
Decimal	14548987
CIE _{Lab}	97.57, -11.66, -1.77
CIE _{LCh}	98, 11.792, 188.656
Yxy	93.8527, 0.2944, 0.3330
Android (android.graphics.Color)	4292739067 (0xFFDDFFFB)
YUV	244.3780, 3.2646, -20.5025
Hunter-Lab	96.8776, -16.6389, 3.5574

Details

The YIQ color $244.3780, -18.9800, -8.4520$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.6220, 18.9800, 8.4520$, 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 $188.0900, -18.1090, -7.7170$ is the 20% darker color. If you saturate the color by 10%, you get $236.2620, -33.5130, -14.8970$, and if you desaturate by 10%, it is $252.1950, -5.0430, -2.2190$.

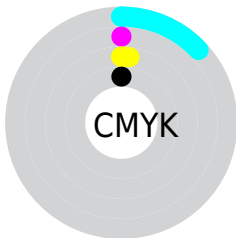
Distribution



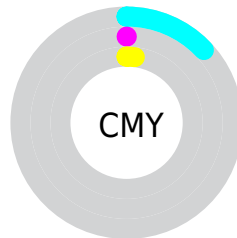
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.3780, -18.9800, -8.4520 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 244.3780, -18.9800, -8.4520 by changing the saturation by 10% instead.

244.3780,
-18.9800, -8.4520

244.3780,
-18.9800, -8.4520

255.0000, -0.0000,
-0.0000

215.6770,
-18.3840, -8.2400

188.0900,
-18.1090, -7.7170

160.9760,
-17.7880, -8.0280

134.3890,
-17.5130, -7.5050

109.2750,
-17.1920, -7.8160

84.6880, -16.9170,
-7.2930

60.9870, -16.3210,

-7.0810

■ 38.9870, -16.3210,
-7.0810

■ 18.6990, -15.4500,
-6.3460

■ 244.3780,
-18.9800, -8.4520

■ 244.3780,
-18.9800, -8.4520

■ 236.2620,
-33.5130, -14.8970

■ 252.1950, -5.0430,
-2.2190

■ 228.4450,
-47.4500, -21.1300

255.0000, -0.0000,
-0.0000

■ 220.3290,
-61.9830, -27.5750

■ 212.5120,
-75.9200, -33.8080

■ 204.3960,
-90.4530, -40.2530

■ 196.5790,
-104.3900, -46.4860

■ 188.4630,
-118.9230, -52.9310

■ 180.6460,
-132.8600, -59.1640

■ 175.3350,
-142.3500, -63.3900

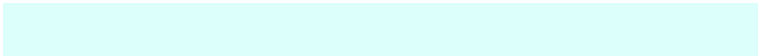
Harmonies

Analogous

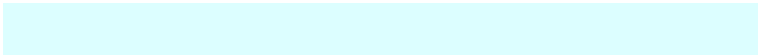
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.8150, -10.0850, -9.9650



244.3780, -18.9800, -8.4520



243.9480, -20.5850, -6.8970

Triad

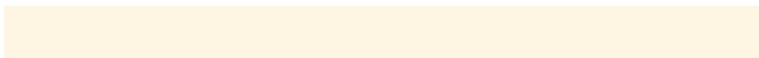
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.3780, -18.9800, -8.4520



248.5430, 3.0250, 5.7530



245.9380, 11.7380, -3.4780

Complementary

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



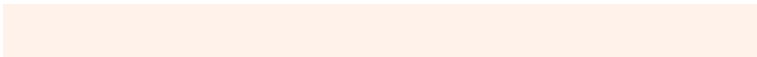
244.3780, -18.9800, -8.4520



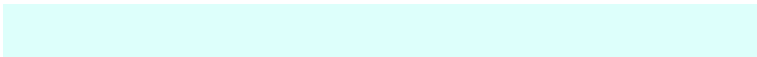
231.6220, 18.9800, 8.4520

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.



244.9750, 10.3160, 0.2680



244.3780, -18.9800, -8.4520



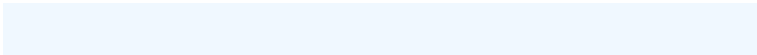
246.7820, 3.8500, 7.3220

Square

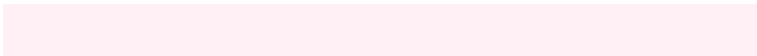
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.3780, -18.9800, -8.4520



246.4060, -7.0150, 0.4810



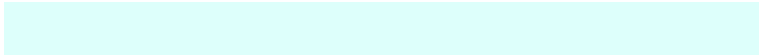
245.0550, 7.3350, 4.7350



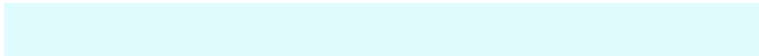
247.1720, 10.9590, -5.8810

Rectangle

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



244.3780, -18.9800, -8.4520



243.9700, -17.6510, -5.0030



245.0550, 7.3350, 4.7350



244.9920, 11.6460, -1.8100

Sweetspot

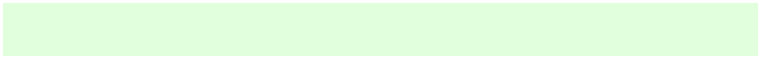
The Sweet Spot groups the original color and five complimentary colors.



244.3780, -18.9800, -8.4520



251.8960, -5.6390, -2.4310



242.4530, -6.3700, -16.7220



125.7930, -3.8510, -1.7950



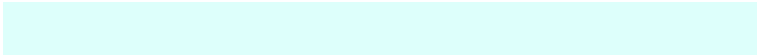
0.0000, 0.0000, 0.0000



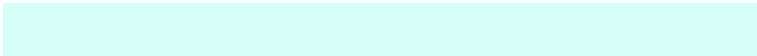
128.0000, -0.0000, -0.0000

Same Dimension

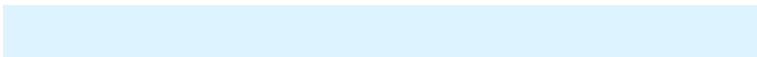
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.3780, -18.9800, -8.4520



242.1710, -22.8310, -10.2470



237.7900, -16.9640, -0.9320



123.8850, -7.1060, -3.3780



131.3830, -106.7740, -47.3340



43.9520, -35.5760, -16.0560

Inverse Universe

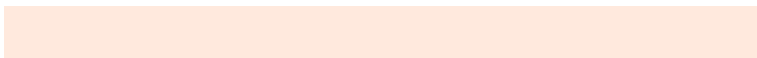
The Inverse Universe completely reimagines the original color for something new.



231.6220, 18.9800, 8.4520



226.8290, 22.8310, 10.2470



238.2100, 16.9640, 0.9320



119.0010, 7.4270, 3.0670



59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 244.3780, -18.9800, -8.4520 looks on a white background.

Color Contrast Check

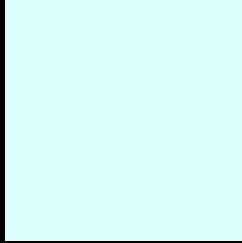
Large Text (above 18pt) WCAG AA × Fail

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 244.3780, -18.9800, -8.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

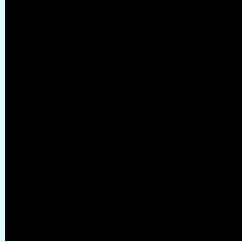
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

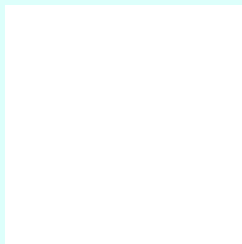
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.3780, -18.9800, -8.4520

Background



This preview shows how black text looks on a background with the YIQ color 244.3780, -18.9800, -8.4520.



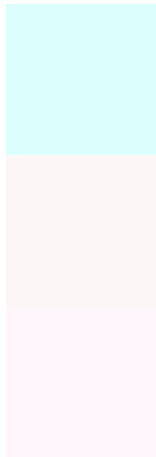
This preview shows how white text looks on a background with the YIQ color 244.3780, -18.9800,

-8.4520.

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

244.3780, -18.9800, -8.4520

Protanopia

247.7940, 3.5760, 1.2720

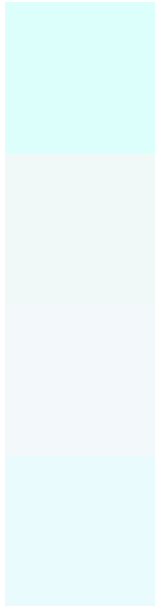
Deuteranopia

248.5600, 4.3550, 3.6750

Tritanopia

247.2920, -6.6940, 0.1700

Trichromacy



Original Color

244.3780, -18.9800, -8.4520

Protanomaly

246.4940, -4.4470, -2.0070

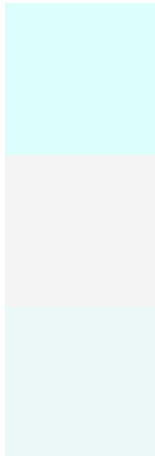
Deuteranomaly

247.3200, -3.8970, -0.9610

Tritanomaly

246.2590, -11.0950, -2.6710

Monochromacy



Original Color

244.3780, -18.9800, -8.4520

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.2980, -6.8310, -2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.3780, -18.9800, -8.4520 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(221, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 251)  
}
```

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(221, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 251) }
```

Border

The CSS property to change the border of an element to YIQ 244.3780, -18.9800, -8.4520 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(221, 255, 251) }
```


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

```
.border{ border-color:rgb(221, 255, 251) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 244.3780, -18.9800, -8.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 251) }
```

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

```
.background{ background-color: rgb(221,  
255, 251) }
```

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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