

Converting Colors

YIQ(243.7800, -20.1720,
-8.8760)

Have a look what the booklet for
YIQ(243.7800, -20.1720, -8.8760)
contains.

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Color

**YIQ(243.7800, -20.1720,
-8.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFFB
RGB	219, 255, 251
RGB Percent	86%, 100%, 98%
CMY	0.1413, 0.0000, 0.0158
CMYK	0.14, 0.00, 0.02, 0.00
HSL	173°, 100%, 93%
HSV	173°, 14%, 100%
XYZ	82.3761, 93.5404, 104.9640
YIQ	243.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

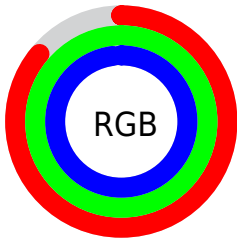
Format	Color
R _Y B	219, 238, 255
Decimal	14417915
CIE Lab	97.45, -12.28, -1.97
CIE LCh	97, 12.437, 189.131
Yxy	93.5404, 0.2933, 0.3330
Android (android.graphics.Color)	4292607995 (0xFFDBFFFB)
YUV	243.7800, 3.5595, -21.7321
Hunter-Lab	96.7163, -17.2197, 3.3553

Details

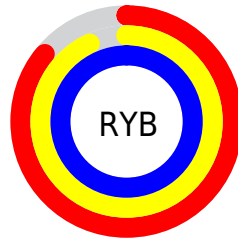
The YIQ color $243.7800, -20.1720, -8.8760$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.2200, 20.1720, 8.8760$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.4920, -19.3010, -8.1410$ is the 20% darker color. If you saturate the color by 10%, you get $235.6640, -34.7050, -15.3210$, and if you desaturate by 10%, it is $251.5970, -6.2350, -2.6430$.

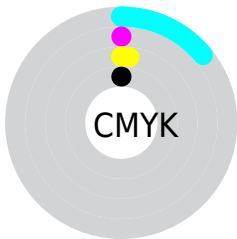
Distribution



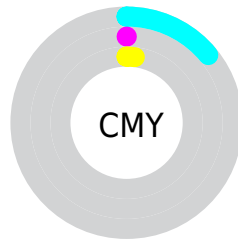
- Red (86%)
- Green (100%)
- Blue (98%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.7800, -20.1720, -8.8760 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 243.7800, -20.1720, -8.8760 by changing the saturation by 10% instead.


 243.7800,
-20.1720, -8.8760


 243.7800,
-20.1720, -8.8760


255.0000, -0.0000,
-0.0000


 215.0790,
-19.5760, -8.6640

 187.4920,
-19.3010, -8.1410

 160.3780,
-18.9800, -8.4520

 133.7910,
-18.7050, -7.9290

 108.6770,
-18.3840, -8.2400

 84.0900, -18.1090,
-7.7170

 60.3890, -17.5130,

-7.5050

■ 38.0900, -18.1090,
-7.7170

■ 18.6990, -15.4500,
-6.3460

■ 243.7800,
-20.1720, -8.8760

■ 243.7800,
-20.1720, -8.8760

■ 235.6640,
-34.7050, -15.3210

■ 251.5970, -6.2350,
-2.6430

■ 227.8470,
-48.6420, -21.5540

255.0000, -0.0000,
-0.0000

■ 219.7310,
-63.1750, -27.9990

■ 212.0280,
-77.4330, -33.9210

■ 203.9120,
-91.9660, -40.3660

■ 196.0950,
-105.9030, -46.5990

■ 187.9790,
-120.4360, -53.0440

■ 180.1620,
-134.3730, -59.2770

■ 175.5630,
-142.9920, -62.7680

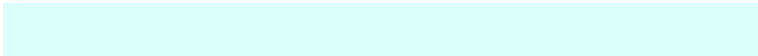
Harmonies

Analogous

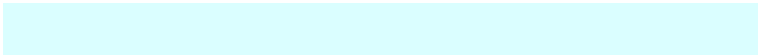
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.2170, -11.2770, -10.3890



243.7800, -20.1720, -8.8760



243.3500, -21.7770, -7.3210

Triad

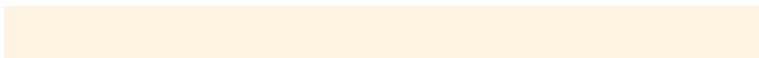
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.7800, -20.1720, -8.8760



247.9560, 3.3000, 6.2760



245.1230, 12.6550, -3.5770

Complementary

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



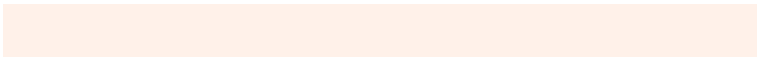
243.7800, -20.1720, -8.8760



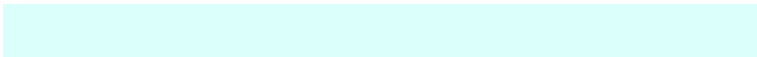
230.2200, 20.1720, 8.8760

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.



244.2740, 10.9120, 0.4800



243.7800, -20.1720, -8.8760



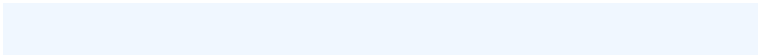
246.7820, 3.8500, 7.3220

Square

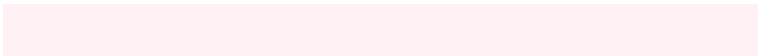
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.7800, -20.1720, -8.8760



245.8190, -6.7400, 1.0040



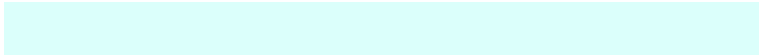
244.9410, 7.6560, 4.4240



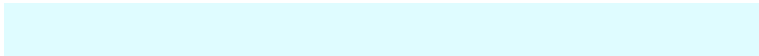
247.0580, 11.2800, -6.1920

Rectangle

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



243.7800, -20.1720, -8.8760



243.6710, -18.2470, -5.2150



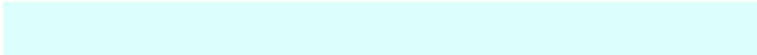
244.9410, 7.6560, 4.4240



244.7640, 12.2880, -2.4320

Sweetspot

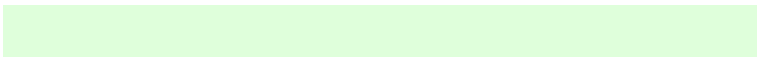
The Sweet Spot groups the original color and five complimentary colors.



243.7800, -20.1720, -8.8760



251.8960, -5.6390, -2.4310



241.3280, -7.5160, -17.9800



125.7930, -3.8510, -1.7950



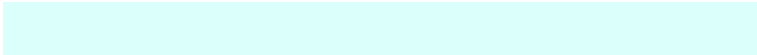
0.0000, 0.0000, 0.0000



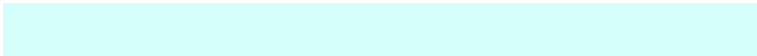
128.0000, -0.0000, -0.0000

Same Dimension

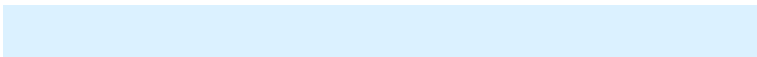
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.7800, -20.1720, -8.8760



241.5730, -24.0230, -10.6710



236.0180, -17.6060, -0.3100



123.8850, -7.1060, -3.3780



131.4970, -107.0950, -47.0230



44.0660, -35.8970, -15.7450

Inverse Universe

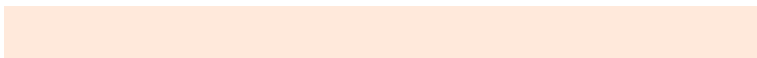
The Inverse Universe completely reimagines the original color for something new.



230.2200, 20.1720, 8.8760



225.3130, 24.3440, 10.3600



237.9820, 17.6060, 0.3100



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 243.7800, -20.1720, -8.8760 looks on a white background.

Color Contrast Check

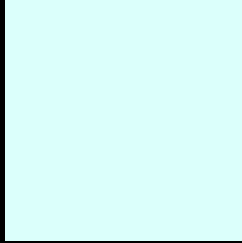
Large Text (above 18pt) WCAG AA × Fail

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 243.7800, -20.1720, -8.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

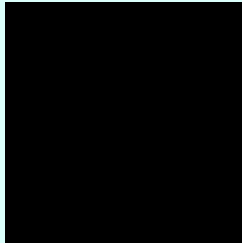
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

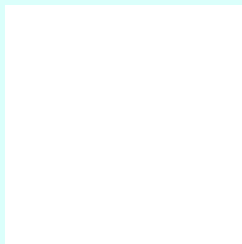
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.7800, -20.1720, -8.8760

Background



This preview shows how black text looks on a background with the YIQ color 243.7800, -20.1720, -8.8760.



This preview shows how white text looks on a background with the YIQ color 243.7800, -20.1720, -8.8760.

-8.8760.

Color Blindness Simulation

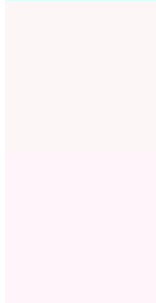
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

243.7800, -20.1720, -8.8760



Protanopia

247.7940, 3.5760, 1.2720

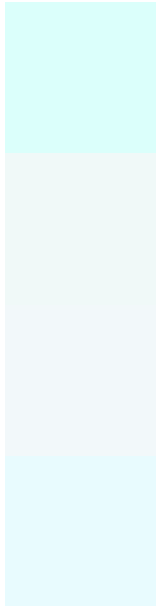
Deuteranopia

247.9730, 4.6300, 4.1980

Tritanopia

246.9930, -7.2900, -0.0420

Trichromacy



Original Color

243.7800, -20.1720, -8.8760

Protanomaly

246.1950, -5.0430, -2.2190

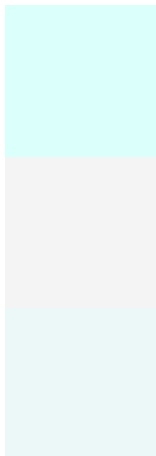
Deuteranomaly

246.4340, -4.2180, -0.6500

Tritanomaly

245.6610, -12.2870, -3.0950

Monochromacy



Original Color

243.7800, -20.1720, -8.8760

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.7800, -20.1720, -8.8760 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 251) }
```

Border

The CSS property to change the border of an element to YIQ 243.7800, -20.1720, -8.8760 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, 255, 251) }
```


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

```
.border{ border-color:rgb(219, 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(219, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 243.7800, -20.1720, -8.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 251) }
```

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

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