

Converting Colors

YIQ(233.3060, -18.4770,
-1.0450)

Have a look what the booklet for
YIQ(233.3060, -18.4770, -1.0450)
contains.

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Color

**YIQ(233.3060, -18.4770,
-1.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EFFC
RGB	215, 239, 252
RGB Percent	84%, 94%, 99%
CMY	0.1569, 0.0627, 0.0118
CMYK	0.15, 0.05, 0.00, 0.01
HSL	201°, 86%, 92%
HSV	201°, 15%, 99%
XYZ	76.4574, 83.2110, 104.1094
YIQ	233.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

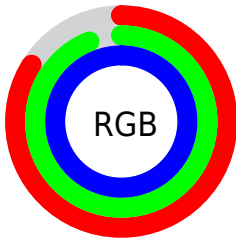
Format	Color
R _Y B	215, 230, 252
Decimal	14151676
CIE Lab	93.11, -5.28, -8.92
CIE LCh	93, 10.362, 239.391
Yxy	83.2110, 0.2899, 0.3155
Android (android.graphics.Color)	4292341756 (0xFFD7EFFC)
YUV	233.3060, 9.2161, -16.0544
Hunter-Lab	91.2201, -10.0228, -3.8136

Details

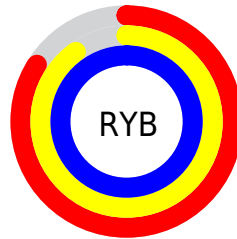
The YIQ color $233.3060, -18.4770, -1.0450$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $233.6940, 18.4770, 1.0450$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.4910, -17.5600, -1.1440$ is the 20% darker color. If you saturate the color by 10%, you get $220.5480, -30.9020, -1.6380$, and if you desaturate by 10%, it is $246.0640, -6.0520, -0.4520$.

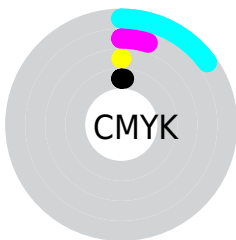
Distribution



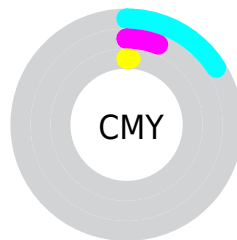
- Red (84%)
- Green (94%)
- Blue (99%)



- Red (84%)
- Yellow (90%)
- Blue (99%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.3060, -18.4770, -1.0450 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 233.3060, -18.4770, -1.0450 by changing the saturation by 10% instead.

■ 233.3060,
-18.4770, -1.0450

■ 233.3060,
-18.4770, -1.0450

255.0000, -0.0000,
-0.0000

■ 205.1920,
-18.1560, -1.3560

■ 177.4910,
-17.5600, -1.1440

■ 150.7900,
-16.9640, -0.9320

■ 124.7900,
-16.9640, -0.9320

■ 99.6760, -16.6430,
-1.2430

■ 75.6760, -16.6430,
-1.2430

■ 52.8610, -15.7260,

-1.3420

■ 30.5620, -16.3220,
-1.5540

■ 11.6550, -12.1500,
-0.0700

■ 233.3060,
-18.4770, -1.0450

■ 233.3060,
-18.4770, -1.0450

■ 220.5480,
-30.9020, -1.6380

■ 246.0640, -6.0520,
-0.4520

■ 207.7900,
-43.3270, -2.2310

■ 254.6580, 0.9630,
-0.9330

■ 195.3200,
-56.6230, -3.5590

■ 182.5620,
-69.0480, -4.1520

■ 169.8040,
-81.4730, -4.7450

■ 157.0460,
-93.8980, -5.3380

■ 144.2880,
-106.3230, -5.9310

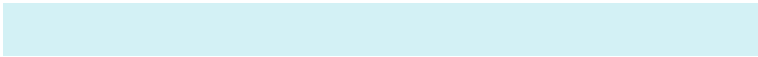
■ 131.2310,
-119.3440, -6.7360

■ 124.9960,
-125.9920, -7.4000

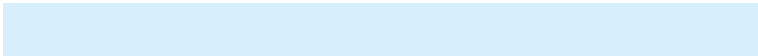
Harmonies

Analogous

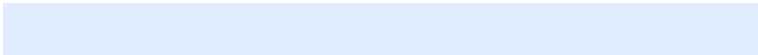
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4860, -19.1640, -5.1160



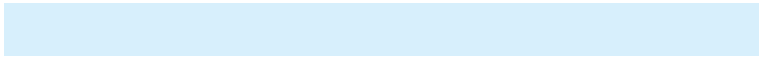
233.3060, -18.4770, -1.0450



234.8770, -12.6550, 3.5770

Triad

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



233.3060, -18.4770, -1.0450



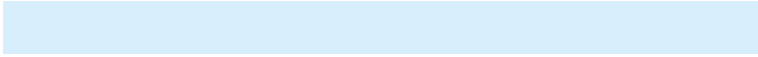
237.5720, 13.2490, 7.6890



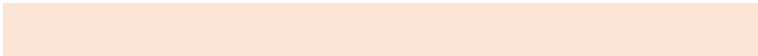
234.2250, 3.4400, -7.2800

Complementary

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



233.3060, -18.4770, -1.0450



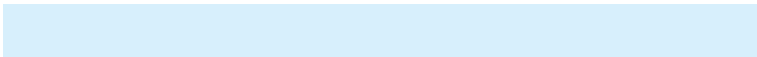
233.6940, 18.4770, 1.0450

Split Complementary

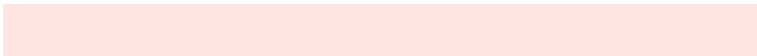
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.8240, 12.0590, -3.7890



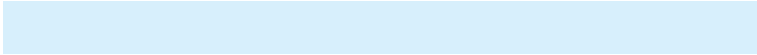
233.3060, -18.4770, -1.0450



236.4320, 16.4590, 4.5790

Square

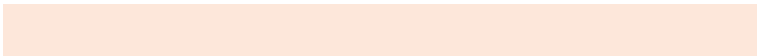
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.3060, -18.4770, -1.0450



237.2060, 5.5920, 8.7920



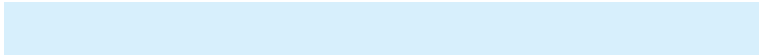
236.0960, 17.2850, 0.6210



232.6090, -6.5090, -8.6930

Rectangle

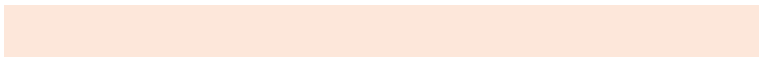
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.3060, -18.4770, -1.0450



235.9810, -7.0160, 6.0080



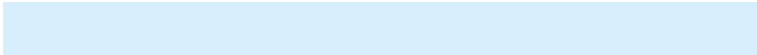
236.0960, 17.2850, 0.6210



234.6060, 6.7410, -6.5310

Sweetspot

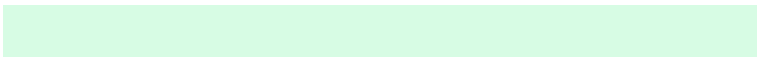
The Sweet Spot groups the original color and five complimentary colors.



233.3060, -18.4770, -1.0450



249.6620, -4.8600, -0.0280



238.2010, -14.3480, -15.3080



124.1460, -3.3470, 0.0850



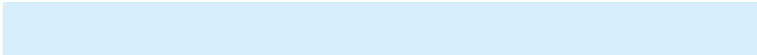
0.0000, 0.0000, 0.0000



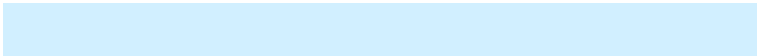
128.0000, -0.0000, -0.0000

Same Dimension

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



233.3060, -18.4770, -1.0450



231.8540, -23.0160, -1.3840



222.7400, -13.5270, 8.3690



118.7650, -6.6480, -0.6640



93.7470, -94.4940, -5.5500



30.4340, -30.5810, -1.9490

Inverse Universe

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



228.7990, 14.3480, 15.3080



226.1740, 17.7860, 19.0820



244.2600, 13.5270, -8.3690



116.9130, 4.8590, 5.5550



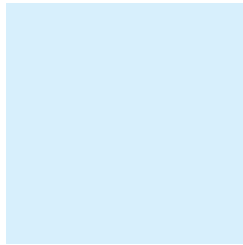
70.5330, 73.1610, 78.3210



22.7990, 23.5160, 25.3720

Previews

White Background



This preview shows how the YIQ color 233.3060, -18.4770, -1.0450 looks on a white background.

Color Contrast Check

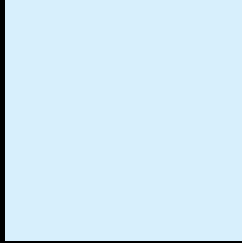
Large Text (above 18pt) WCAG AA × Fail

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 233.3060, -18.4770, -1.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

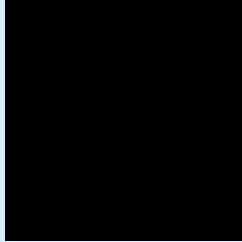
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

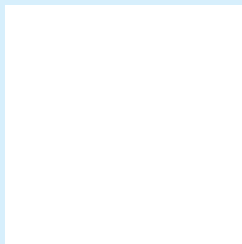
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.3060, -18.4770, -1.0450

Background



This preview shows how black text looks on a background with the YIQ color 233.3060, -18.4770, -1.0450.



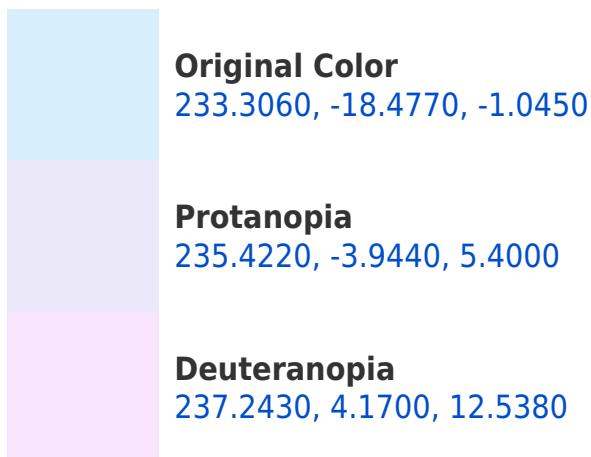
This preview shows how white text looks on a background with the YIQ color 233.3060, -18.4770, -1.0450.

-1.0450.

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

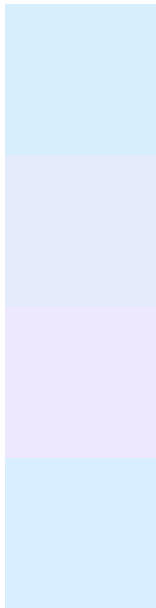




Tritanopia

233.9580, -17.3770, 1.0470

Trichromacy



Original Color

233.3060, -18.4770, -1.0450

Protanomaly

234.6170, -8.9870, 3.1810

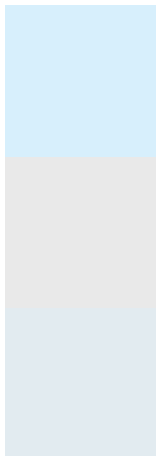
Deuteranomaly

235.8890, -3.7610, 7.5910

Tritanomaly

233.5450, -17.6520, 0.5240

Monochromacy



Original Color

233.3060, -18.4770, -1.0450

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.8790, -6.9690, -0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.3060, -18.4770, -1.0450 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(215, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 252)  
}
```

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(215, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 252) }
```

Border

The CSS property to change the border of an element to YIQ 233.3060, -18.4770, -1.0450 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(215, 239, 252) }
```


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

```
.border{ border-color:rgb(215, 239, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 233.3060, -18.4770, -1.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 252) }
```

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

```
.background{ background-color: rgb(215,  
239, 252) }
```

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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