

Converting Colors

YUV(233.4800, 8.6374,
-17.0840)

Have a look what the booklet for
YUV(233.4800, 8.6374, -17.0840)
contains.

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Color

**YUV(233.4800, 8.6374,
-17.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0FB
RGB	214, 240, 251
RGB Percent	84%, 94%, 98%
CMY	0.1608, 0.0588, 0.0157
CMYK	0.15, 0.04, 0.00, 0.02
HSL	198°, 82%, 91%
HSV	198°, 15%, 98%
XYZ	76.3042, 83.5814, 103.3779
YIQ	233.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

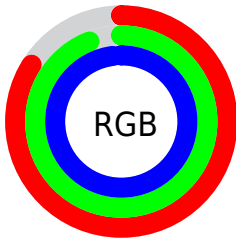
Format	Color
R _Y B	214, 229, 251
Decimal	14086395
CIE Lab	93.27, -6.28, -8.18
CIE LCh	93, 10.313, 232.460
Yxy	83.5814, 0.2898, 0.3175
Android (android.graphics.Color)	4292276475 (0xFFD6F0FB)
YUV	233.4800, 8.6374, -17.0840
Hunter-Lab	91.4228, -11.0085, -3.0472

Details

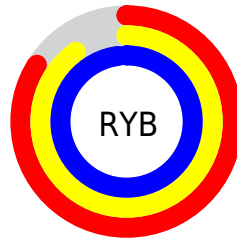
The YUV color $233.4800, 8.6374, -17.0840$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.5200, -8.6374, 17.0840$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.7790, 8.4900, -16.4692$ is the 20% darker color. If you saturate the color by 10%, you get $221.8960, 14.3483, -28.8498$, and if you desaturate by 10%, it is $245.0640, 2.9264, -5.3181$.

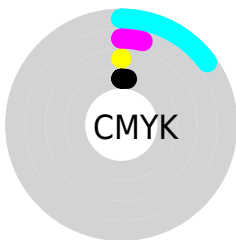
Distribution



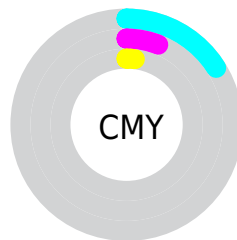
- Red (84%)
- Green (94%)
- Blue (98%)



- Red (84%)
- Yellow (90%)
- Blue (98%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4800, 8.6374, -17.0840 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 YUV color 233.4800, 8.6374, -17.0840 by changing the saturation by 10% instead.

■ 233.4800, 8.6374,
-17.0840

■ 233.4800, 8.6374,
-17.0840

255.0000, 0.0000,
0.0000

■ 205.3660, 8.2006,
-16.9840

■ 177.7790, 8.4900,
-16.4692

■ 150.9640, 7.9057,
-15.7544

■ 124.9640, 7.9057,
-15.7544

■ 99.8500, 7.4690,
-15.6544

■ 76.1490, 7.3215,
-15.0397

■ 53.0350, 6.8847,

-14.9397

■ 30.7360, 7.0322,
-15.5545

■ 12.2420, 6.2897,
-10.7362

■ 233.4800, 8.6374,
-17.0840

■ 233.4800, 8.6374,
-17.0840

■ 221.8960, 14.3483,
-28.8498

■ 245.0640, 2.9264,
-5.3181

■ 209.7250, 20.3486,
-40.1008

■ 254.5440, -1.7472,
0.3999

■ 198.1410, 26.0595,
-51.8667

■ 185.9700, 32.0598,
-63.1177

■ 174.3860, 37.7707,
-74.8835

■ 161.9160, 43.9184,
-86.7493

■ 150.3320, 49.6293,
-98.5152

■ 138.1610, 55.6296,
-109.7662

■ 131.9260, 58.7035,
-115.6991

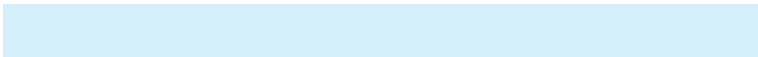
Harmonies

Analogous

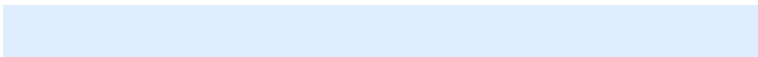
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.8450, 5.0064, -19.1581



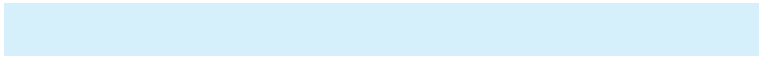
233.4800, 8.6374, -17.0840



234.8660, 9.9261, -10.4065

Triad

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



233.4800, 8.6374, -17.0840



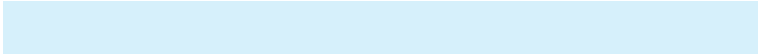
237.9140, 0.5354, 14.9844



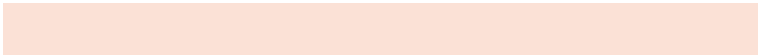
234.4210, -8.5886, 1.3848

Complementary

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



233.4800, 8.6374, -17.0840



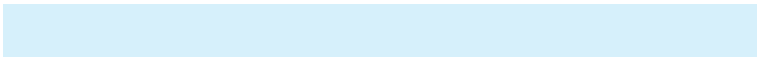
231.5200, -8.6374, 17.0840

Split Complementary

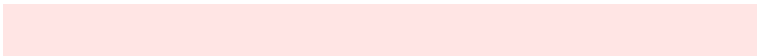
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.8350, -9.7787, 9.7917



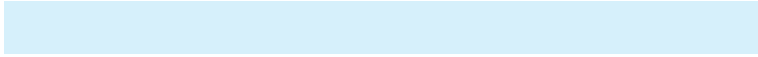
233.4800, 8.6374, -17.0840



236.6600, -4.2694, 16.0842

Square

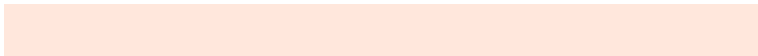
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



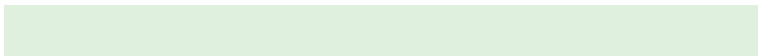
233.4800, 8.6374, -17.0840



237.4230, 5.2145, 7.5220



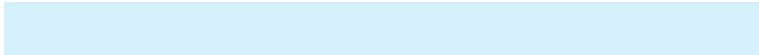
236.9220, -8.3425, 15.8544



233.2780, -5.0671, -8.1368

Rectangle

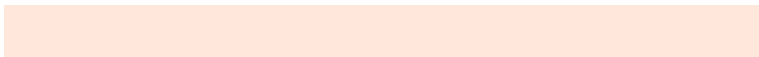
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.4800, 8.6374, -17.0840



236.0840, 9.3256, -4.4587



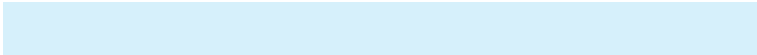
236.9220, -8.3425, 15.8544



234.9160, -9.3256, 4.4587

Sweetspot

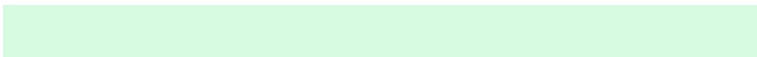
The Sweet Spot groups the original color and five complimentary colors.



233.4800, 8.6374, -17.0840



250.2490, 2.3422, -4.6034



236.8590, -6.3395, -20.0473



124.7330, 1.6106, -3.2738



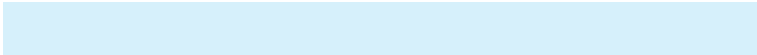
0.0000, 0.0000, 0.0000



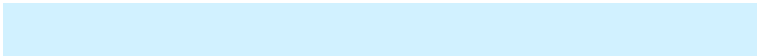
128.0000, 0.0000, 0.0000

Same Dimension

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



233.4800, 8.6374, -17.0840



233.0280, 10.8322, -21.0726



222.9140, 13.8464, -7.8176



118.7650, 3.0739, -5.9329



99.6170, 44.0658, -87.3641



32.1950, 14.2009, -28.2350

Inverse Universe

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



228.0270, 5.9027, 20.1473



226.4020, 7.1968, 25.0804



242.0860, -13.8464, 7.8176



116.9130, 2.0149, 7.0923



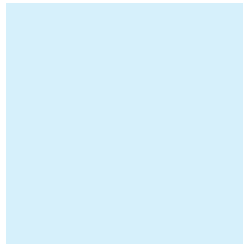
71.6730, 30.2342, 102.8958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 233.4800, 8.6374, -17.0840 looks on a white background.

Color Contrast Check

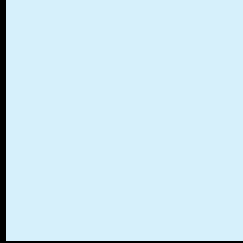
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 233.4800, 8.6374, -17.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

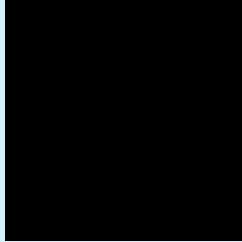
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.4800, 8.6374, -17.0840

Background



This preview shows how black text looks on a background with the YUV color 233.4800, 8.6374, -17.0840.



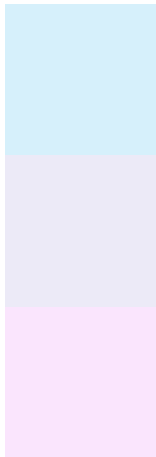
This preview shows how white text looks on a background with the YUV color 233.4800, 8.6374,

-17.0840.

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

233.4800, 8.6374, -17.0840

Protanopia

236.0800, 5.3836, -0.0702

Deuteranopia

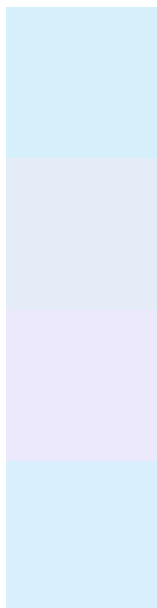
238.0150, 7.3876, 10.5108



Tritanopia

233.9580, 10.3737, -13.9952

Trichromacy



Original Color

233.4800, 8.6374, -17.0840

Protanomaly

234.9760, 6.4208, -6.1180

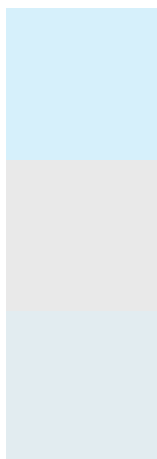
Deuteranomaly

236.3620, 7.7095, 0.5595

Tritanomaly

234.1320, 9.7949, -15.0248

Monochromacy



Original Color

233.4800, 8.6374, -17.0840

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.4660, 3.2213, -6.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4800, 8.6374, -17.0840 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(214, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 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(214, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 251) }
```

Border

The CSS property to change the border of an element to YUV 233.4800, 8.6374, -17.0840 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(214, 240, 251) }
```


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

```
.border{ border-color:rgb(214, 240, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 233.4800, 8.6374, -17.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 251) }
```

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

```
.background{ background-color: rgb(214,  
240, 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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