

Converting Colors

YUV(233.9360, 10.3846,
-17.4839)

Have a look what the booklet for
YUV(233.9360, 10.3846, -17.4839)
contains.

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Color

**YUV(233.9360, 10.3846,
-17.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0FF
RGB	214, 240, 255
RGB Percent	84%, 94%, 100%
CMY	0.1608, 0.0588, 0.0000
CMYK	0.16, 0.06, 0.00, 0.00
HSL	202°, 100%, 92%
HSV	202°, 16%, 100%
XYZ	76.9416, 83.8363, 106.7345
YIQ	233.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

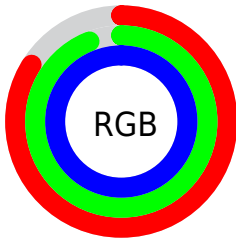
Format	Color
R _Y B	214, 230, 255
Decimal	14086399
CIE Lab	93.38, -5.47, -10.09
CIE LCh	93, 11.479, 241.532
Yxy	83.8363, 0.2876, 0.3134
Android (android.graphics.Color)	4292276479 (0xFFD6F0FF)
YUV	233.9360, 10.3846, -17.4839
Hunter-Lab	91.5622, -10.2365, -5.0211

Details

The YUV color $233.9360, 10.3846, -17.4839$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.0640, -10.3846, 17.4839$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.1210, 9.8003, -16.7691$ is the 20% darker color. If you saturate the color by 10%, you get $221.1780, 16.6742, -28.2201$, and if you desaturate by 10%, it is $246.9930, 3.9475, -6.1329$.

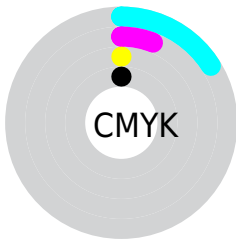
Distribution



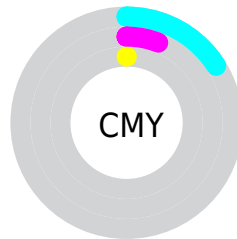
- Red (84%)
- Green (94%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9360, 10.3846, -17.4839 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 233.9360, 10.3846, -17.4839 by changing the saturation by 10% instead.

■ 233.9360, 10.3846,
-17.4839

■ 233.9360, 10.3846,
-17.4839

255.0000, 0.0000,
0.0000

■ 205.8220, 9.9478,
-17.3839

■ 178.1210, 9.8003,
-16.7691

■ 151.1210, 9.8003,
-16.7691

■ 125.4200, 9.6529,
-16.1543

■ 100.3060, 9.2161,
-16.0544

■ 76.1920, 8.7793,
-15.9544

■ 53.1920, 8.7793,

-15.9544

■ 30.7790, 8.4900,
-16.4692

■ 12.4700, 7.1633,
-10.9362

■ 233.9360, 10.3846,
-17.4839

■ 233.9360, 10.3846,
-17.4839

■ 221.1780, 16.6742,
-28.2201

■ 246.9930, 3.9475,
-6.1329

■ 207.5340, 23.4007,
-39.0563

255.0000, 0.0000,
0.0000

■ 194.7760, 29.6904,
-49.7926

■ 181.7190, 36.1275,
-61.1436

■ 168.3740, 42.7066,
-71.3650

■ 155.3170, 49.1437,
-82.7160

■ 142.2600, 55.5808,
-94.0670

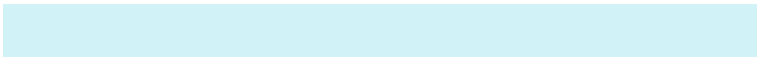
■ 128.9150, 62.1599,
-104.2885

■ 124.1640, 64.5021,
-108.8918

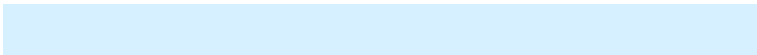
Harmonies

Analogous

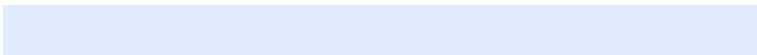
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7030, 7.0484, -20.7875



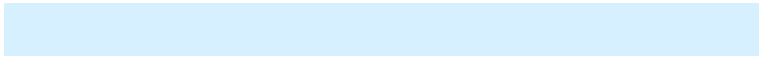
233.9360, 10.3846, -17.4839



235.4640, 9.6312, -9.1769

Triad

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



233.9360, 10.3846, -17.4839



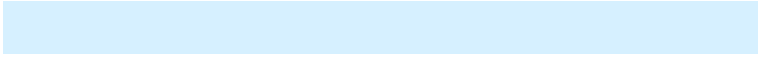
237.5720, -0.7750, 15.2844



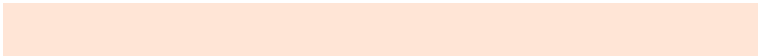
234.3990, -8.5777, -2.1039

Complementary

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



233.9360, 10.3846, -17.4839



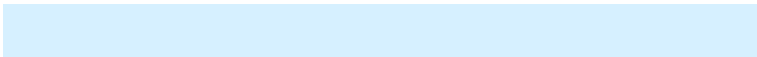
235.0640, -10.3846, 17.4839

Split Complementary

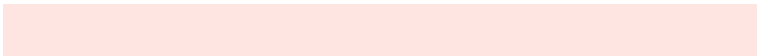
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.5960, -10.6468, 8.2473



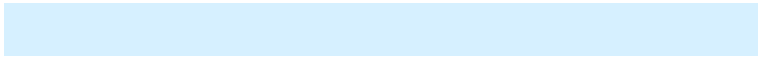
233.9360, 10.3846, -17.4839



236.3180, -5.5798, 16.3841

Square

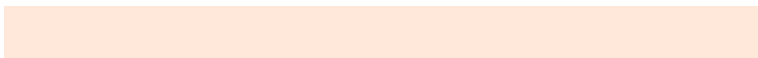
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



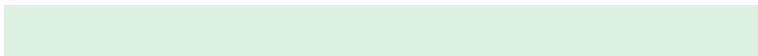
233.9360, 10.3846, -17.4839



238.2170, 4.3300, 11.2107



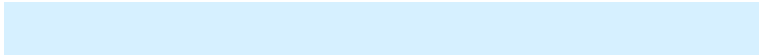
237.1670, -9.9423, 15.6395



232.8970, -3.8932, -11.3107

Rectangle

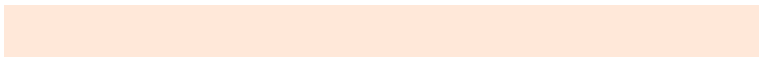
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.9360, 10.3846, -17.4839



236.3940, 9.1728, -2.0995



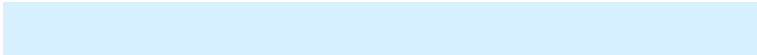
237.1670, -9.9423, 15.6395



234.7800, -9.7515, 1.0699

Sweetspot

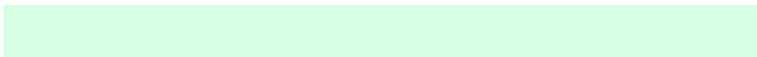
The Sweet Spot groups the original color and five complimentary colors.



233.9360, 10.3846, -17.4839



248.1780, 3.3632, -5.4181



239.6630, -5.7499, -22.5065



123.8470, 2.0474, -3.3738



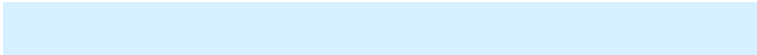
0.0000, 0.0000, 0.0000



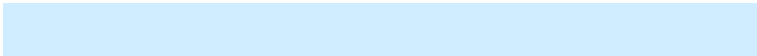
128.0000, 0.0000, 0.0000

Same Dimension

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



233.9360, 10.3846, -17.4839



230.0820, 12.2846, -20.2429



222.1960, 16.1724, -7.1879



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Inverse Universe

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



229.2230, 5.3131, 22.6064



224.7720, 6.0284, 26.5100



246.8040, -16.1724, 7.1879



119.7990, 1.5781, 7.1923



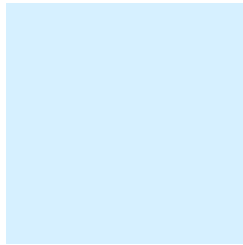
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 233.9360, 10.3846, -17.4839 looks on a white background.

Color Contrast Check

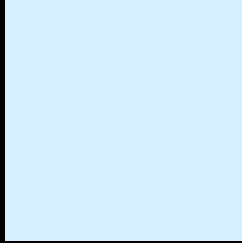
Large Text (above 18pt) WCAG AA × Fail

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 233.9360, 10.3846, -17.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

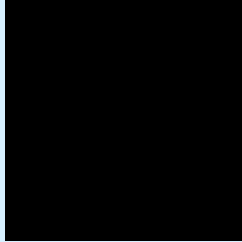
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

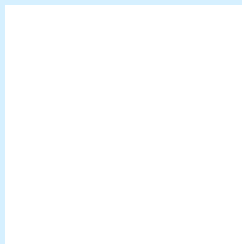
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.9360, 10.3846, -17.4839

Background



This preview shows how black text looks on a background with the YUV color 233.9360, 10.3846, -17.4839.



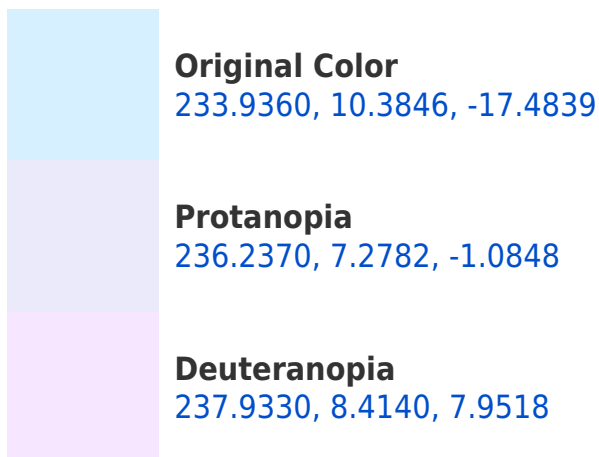
This preview shows how white text looks on a background with the YUV color 233.9360, 10.3846, -17.4839.

-17.4839.

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

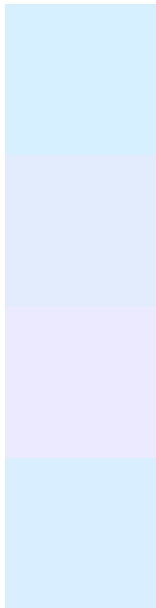




Tritanopia

234.5450, 10.0843, -14.5100

Trichromacy



Original Color

233.9360, 10.3846, -17.4839

Protanomaly

235.1330, 8.3154, -7.1326

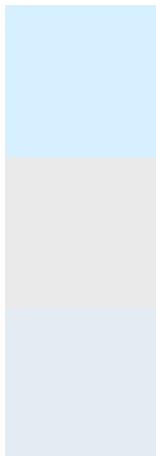
Deuteranomaly

236.6930, 9.0254, -1.4848

Tritanomaly

234.2460, 10.2317, -15.1247

Monochromacy



Original Color

233.9360, 10.3846, -17.4839

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9360, 10.3846, -17.4839 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 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(214, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 233.9360, 10.3846, -17.4839 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, 255) }
```


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

```
.border{ border-color:rgb(214, 240, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 233.9360, 10.3846, -17.4839 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, 255) }
```

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

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