

Converting Colors

YUV(233.8220, 9.9478,
-17.3839)

Have a look what the booklet for
YUV(233.8220, 9.9478, -17.3839)
contains.

YUV(233.8220, 9.9478, -17.3839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(233.8220, 9.9478,
-17.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0FE
RGB	214, 240, 254
RGB Percent	84%, 94%, 100%
CMY	0.1608, 0.0588, 0.0039
CMYK	0.16, 0.06, 0.00, 0.00
HSL	201°, 95%, 92%
HSV	201°, 16%, 100%
XYZ	76.7810, 83.7721, 105.8888
YIQ	233.8220, -19.9900, -1.1580

Conversions

Conversions Part 2

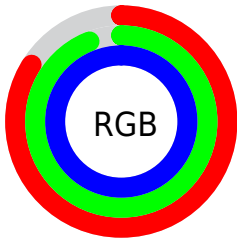
Format	Color
R _Y B	214, 230, 254
Decimal	14086398
CIE Lab	93.35, -5.68, -9.61
CIE LCh	93, 11.163, 239.441
Yxy	83.7721, 0.2882, 0.3144
Android (android.graphics.Color)	4292276478 (0xFFD6F0FE)
YUV	233.8220, 9.9478, -17.3839
Hunter-Lab	91.5271, -10.4308, -4.5243

Details

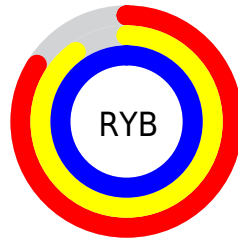
The YUV color $233.8220, 9.9478, -17.3839$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $234.1780, -9.9478, 17.3839$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.0070, 9.3635, -16.6691$ is the 20% darker color. If you saturate the color by 10%, you get $221.0640, 16.2374, -28.1201$, and if you desaturate by 10%, it is $246.5800, 3.6581, -6.6477$.

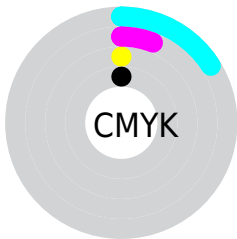
Distribution



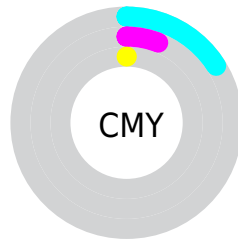
- Red (84%)
- Green (94%)
- Blue (100%)



- 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 233.8220, 9.9478, -17.3839 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 233.8220, 9.9478, -17.3839 by changing the saturation by 10% instead.

■ 233.8220, 9.9478,
-17.3839

■ 233.8220, 9.9478,
-17.3839

255.0000, 0.0000,
0.0000

■ 205.7080, 9.5110,
-17.2839

■ 178.0070, 9.3635,
-16.6691

■ 151.0070, 9.3635,
-16.6691

■ 125.3060, 9.2161,
-16.0544

■ 100.1920, 8.7793,
-15.9544

■ 76.0780, 8.3425,
-15.8544

■ 53.0780, 8.3425,

-15.8544

■ 30.6650, 8.0532,
-16.3692

■ 12.4700, 7.1633,
-10.9362

■ 233.8220, 9.9478,
-17.3839

■ 233.8220, 9.9478,
-17.3839

■ 221.0640, 16.2374,
-28.1201

■ 246.5800, 3.6581,
-6.6477

■ 208.0070, 22.6745,
-39.4711

254.8860, -0.4368,
0.1000

■ 195.2490, 28.9642,
-50.2074

■ 182.1920, 35.4013,
-61.5584

■ 170.0210, 41.4016,
-72.8094

■ 157.2630, 47.6913,
-83.5457

■ 144.2060, 54.1284,
-94.8967

■ 131.4480, 60.4181,
-105.6329

■ 125.8110, 63.1972,
-110.3362

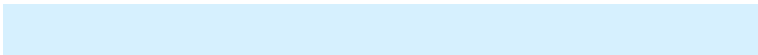
Harmonies

Analogous

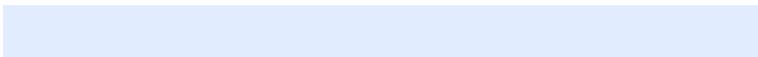
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5890, 6.6116, -20.6876



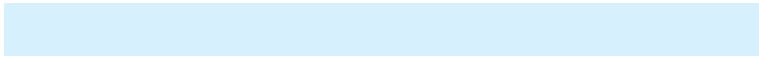
233.8220, 9.9478, -17.3839



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.



233.8220, 9.9478, -17.3839



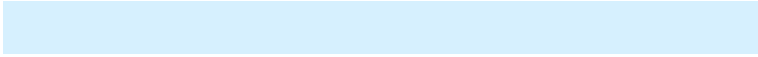
237.5720, -0.7750, 15.2844



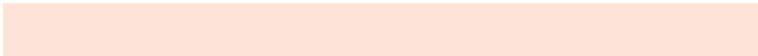
234.1110, -8.4357, -0.9743

Complementary

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



233.8220, 9.9478, -17.3839



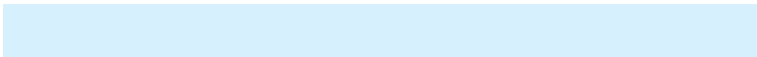
234.1780, -9.9478, 17.3839

Split Complementary

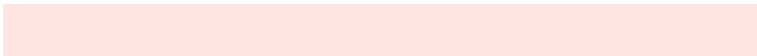
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.7100, -10.2100, 8.1473



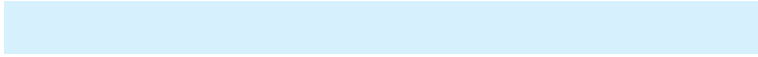
233.8220, 9.9478, -17.3839



236.4320, -5.1430, 16.2841

Square

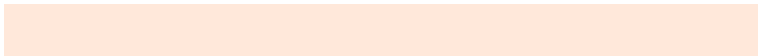
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.8220, 9.9478, -17.3839



237.9180, 4.4774, 10.5959



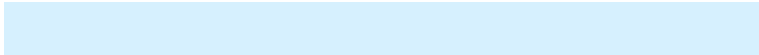
237.2810, -9.5055, 15.5396



233.1960, -4.0406, -10.6959

Rectangle

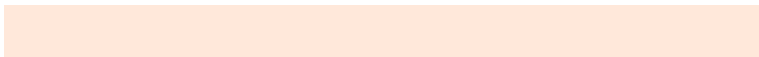
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.8220, 9.9478, -17.3839



236.0950, 9.3202, -2.7143



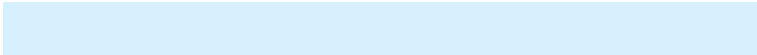
237.2810, -9.5055, 15.5396



234.6060, -9.1728, 2.0995

Sweetspot

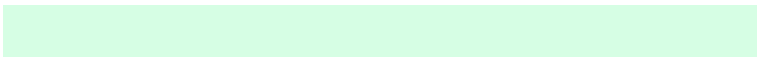
The Sweet Spot groups the original color and five complimentary colors.



233.8220, 9.9478, -17.3839



248.7650, 3.0739, -5.9329



239.0760, -5.4605, -21.9917



123.8470, 2.0474, -3.3738



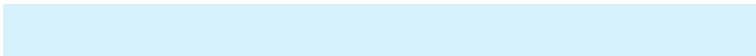
0.0000, 0.0000, 0.0000



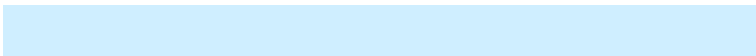
128.0000, 0.0000, 0.0000

Same Dimension

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



233.8220, 9.9478, -17.3839



230.6690, 11.9952, -20.7577



222.0820, 15.7356, -7.0879



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



228.9240, 5.4605, 21.9917



224.8860, 6.4652, 26.4100



245.9180, -15.7356, 7.0879



119.7990, 1.5781, 7.1923



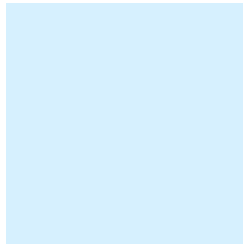
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 233.8220, 9.9478, -17.3839 looks on a white background.

Color Contrast Check

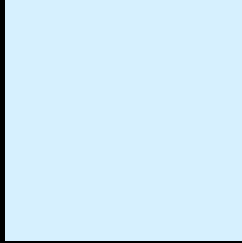
Large Text (above 18pt) WCAG AA × Fail

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 233.8220, 9.9478, -17.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

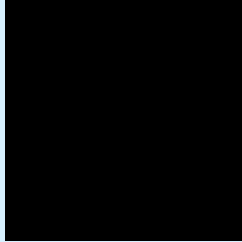
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

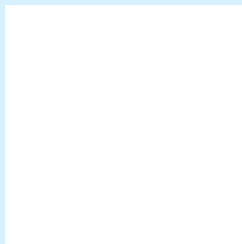
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.8220, 9.9478, -17.3839

Background



This preview shows how black text looks on a background with the YUV color 233.8220, 9.9478, -17.3839.



This preview shows how white text looks on a background with the YUV color 233.8220, 9.9478, -17.3839.

-17.3839.

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

233.8220, 9.9478, -17.3839

Protanopia

236.1230, 6.8414, -0.9849

Deuteranopia

237.6450, 8.5560, 9.0813



Tritanopia

234.5450, 10.0843, -14.5100

Trichromacy



Original Color

233.8220, 9.9478, -17.3839

Protanomaly

235.0190, 7.8786, -7.0327

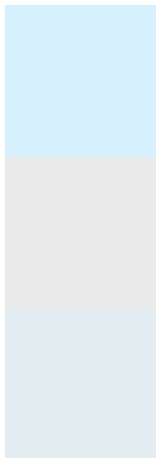
Deuteranomaly

236.4050, 9.1673, -0.3552

Tritanomaly

234.2460, 10.2317, -15.1247

Monochromacy



Original Color

233.8220, 9.9478, -17.3839

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.8220, 9.9478, -17.3839 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 254) }
```

Border

The CSS property to change the border of an element to YUV 233.8220, 9.9478, -17.3839 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, 254) }
```


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

```
.border{ border-color:rgb(214, 240, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 233.8220, 9.9478, -17.3839 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, 254) }
```

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

```
.background{ background-color: rgb(214,  
240, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor