

Converting Colors

YUV(233.9910, 10.3574,
-8.7621)

Have a look what the booklet for
YUV(233.9910, 10.3574, -8.7621)
contains.

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Color

**YUV(233.9910, 10.3574,
-8.7621)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EBFF
RGB	224, 235, 255
RGB Percent	88%, 92%, 100%
CMY	0.1216, 0.0784, 0.0000
CMYK	0.12, 0.08, 0.00, 0.00
HSL	219°, 100%, 94%
HSV	219°, 12%, 100%
XYZ	78.4988, 82.4840, 106.3914
YIQ	233.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

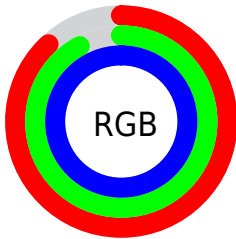
Format	Color
R_{YB}	224, 232, 255
Decimal	14740479
CIE Lab	92.79, 0.20, -10.90
CIE LCh	93, 10.899, 271.051
Yxy	82.4840, 0.2936, 0.3085
Android (android.graphics.Color)	4292930559 (0xFFE0EBFF)
YUV	233.9910, 10.3574, -8.7621
Hunter-Lab	90.8207, -4.6537, -5.8805

Details

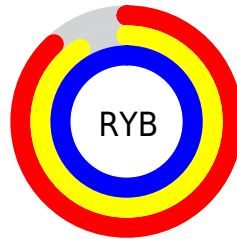
The YUV color $233.9910, 10.3574, -8.7621$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.0090, -10.3574, 8.7621$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.1760, 9.7732, -8.0474$ is the 20% darker color. If you saturate the color by 10%, you get $217.1240, 18.6729, -15.8947$, and if you desaturate by 10%, it is $251.1570, 1.8946, -1.0147$.

Distribution



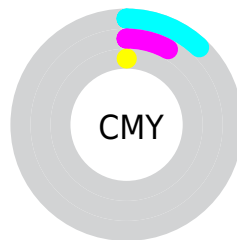
- Red (88%)
- Green (92%)
- Blue (100%)



- Red (88%)
- Yellow (91%)
- Blue (100%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9910, 10.3574, -8.7621 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 233.9910, 10.3574, -8.7621 by changing the saturation by 10% instead.

■ 233.9910, 10.3574,
-8.7621

■ 233.9910, 10.3574,
-8.7621

255.0000, 0.0000,
0.0000

■ 205.8770, 9.9206,
-8.6621

■ 178.1760, 9.7732,
-8.0474

■ 151.7630, 9.4838,
-8.5622

■ 125.6490, 9.0470,
-8.4622

■ 100.6490, 9.0470,
-8.4622

■ 76.8340, 8.4628,
-7.7474

■ 53.7200, 8.0260,

-7.6474

■ 32.3070, 7.7366,
-8.1622

■ 9.5350, 8.6102,
-8.3622

■ 233.9910, 10.3574,
-8.7621

■ 233.9910, 10.3574,
-8.7621

■ 217.1240, 18.6729,
-15.8947

■ 251.1570, 1.8946,
-1.0147

■ 199.3710, 27.4251,
-23.1274

255.0000, 0.0000,
0.0000

■ 182.2050, 35.8879,
-30.8748

■ 164.7510, 44.4928,
-37.4926

■ 147.8840, 52.8082,
-44.6253

■ 130.1310, 61.5604,
-51.8579

■ 113.2640, 69.8758,
-58.9905

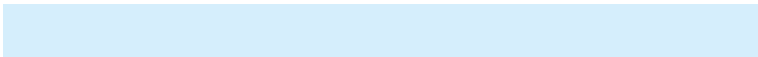
■ 95.5110, 78.6281,
-66.2231

■ 81.9000, 85.3383,
-71.8263

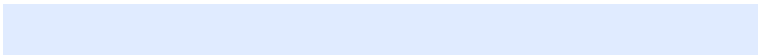
Harmonies

Analogous

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



232.1210, 9.8003, -16.7691



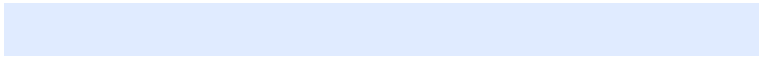
233.9910, 10.3574, -8.7621



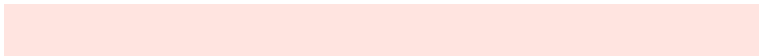
235.7750, 7.9989, 1.0743

Triad

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



233.9910, 10.3574, -8.7621



235.6170, -5.7272, 16.9989



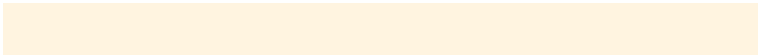
231.8970, -3.8932, -11.3107

Complementary

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



233.9910, 10.3574, -8.7621



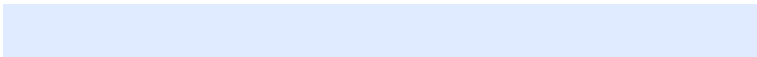
245.0090, -10.3574, 8.7621

Split Complementary

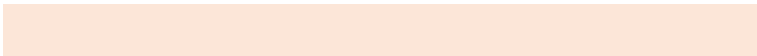
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.8120, -8.2883, -1.5891



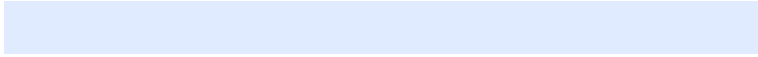
233.9910, 10.3574, -8.7621



234.9820, -9.3581, 14.9248

Square

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



233.9910, 10.3574, -8.7621



236.1700, -1.0698, 16.5139



234.2970, -10.4994, 7.6325



231.2320, 1.3646, -17.7435

Rectangle

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



233.9910, 10.3574, -8.7621



235.9500, 5.9407, 7.9369



234.2970, -10.4994, 7.6325



232.1640, -5.5039, -8.0368

Sweetspot

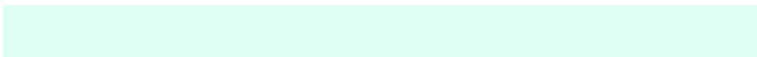
The Sweet Spot groups the original color and five complimentary colors.



233.9910, 10.3574, -8.7621



247.9010, 3.4998, -2.5442



244.4770, -0.2352, -17.9583



122.9720, 2.4788, -1.7294



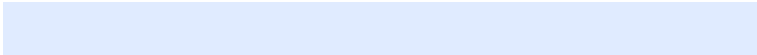
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



233.9910, 10.3574, -8.7621



228.9630, 12.8362, -10.4916



228.7300, 12.9511, -0.6402



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

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



234.5230, 0.2352, 17.9583



229.8440, 0.0769, 22.0618



250.2700, -12.9511, 0.6402



119.3430, -0.1691, 7.5922



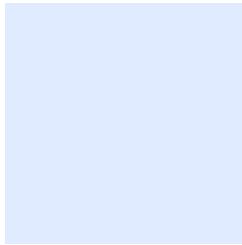
64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 233.9910, 10.3574, -8.7621 looks on a white background.

Color Contrast Check

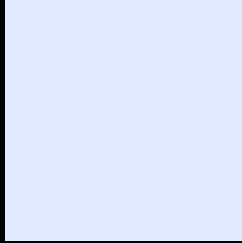
Large Text (above 18pt) WCAG AA × Fail

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 233.9910, 10.3574, -8.7621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

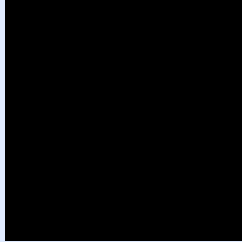
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

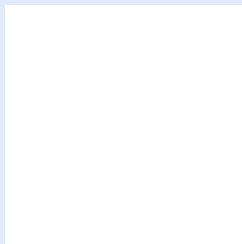
Any Text WCAG AAA ✓ Pass

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

YUV 233.9910, 10.3574, -8.7621 Background



This preview shows how black text looks on a background with the YUV color 233.9910, 10.3574, -8.7621.



This preview shows how white text looks on a background with the YUV color 233.9910, 10.3574, -8.7621.

-8.7621.

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

233.9910, 10.3574, -8.7621

Protanopia

235.2800, 8.7360, -1.9996

Deuteranopia

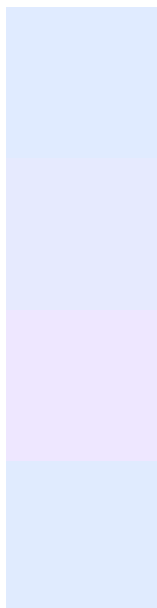
236.4600, 9.1402, 8.3666



Tritanopia

233.8770, 9.9206, -8.6621

Trichromacy



Original Color

233.9910, 10.3574, -8.7621

Protanomaly

235.0840, 9.3256, -4.4587

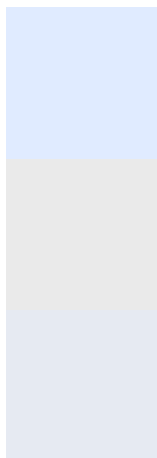
Deuteranomaly

235.8290, 9.4513, 1.9040

Tritanomaly

233.8770, 9.9206, -8.6621

Monochromacy



Original Color

233.9910, 10.3574, -8.7621

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.7160, 4.0840, -3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9910, 10.3574, -8.7621 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(224, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 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(224, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 255) }
```

Border

The CSS property to change the border of an element to YUV 233.9910, 10.3574, -8.7621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

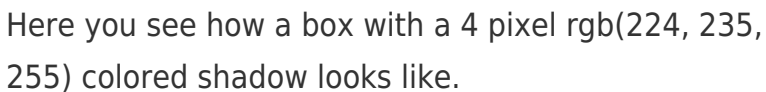
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 235, 255) }
```


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

```
.border{ border-color:rgb(224, 235, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 233.9910, 10.3574, -8.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 255) }
```

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

```
.background{ background-color: rgb(224,  
235, 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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