

Converting Colors

YUV(237.8230, 8.4683, -9.4918)

Have a look what the booklet for
YUV(237.8230, 8.4683, -9.4918)
contains.

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Color

**YUV(237.8230, 8.4683,
-9.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F0FF
RGB	227, 240, 255
RGB Percent	89%, 94%, 100%
CMY	0.1098, 0.0588, 0.0000
CMYK	0.11, 0.06, 0.00, 0.00
HSL	212°, 100%, 95%
HSV	212°, 11%, 100%
XYZ	80.8886, 85.8711, 106.9192
YIQ	237.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

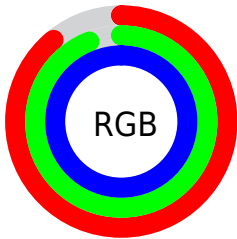
Format	Color
R _Y B	227, 236, 255
Decimal	14938367
CIE Lab	94.26, -1.42, -8.69
CIE LCh	94, 8.807, 260.724
Yxy	85.8711, 0.2956, 0.3138
Android (android.graphics.Color)	4293128447 (0xFFE3F0FF)
YUV	237.8230, 8.4683, -9.4918
Hunter-Lab	92.6666, -6.3541, -3.5424

Details

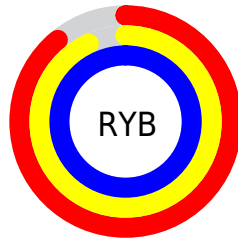
The YUV color $237.8230, 8.4683, -9.4918$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.1770, -8.4683, 9.4918$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.0080, 7.8841, -8.7770$ is the 20% darker color. If you saturate the color by 10%, you get $222.1300, 16.2049, -17.6540$, and if you desaturate by 10%, it is $253.5160, 0.7316, -1.3295$.

Distribution



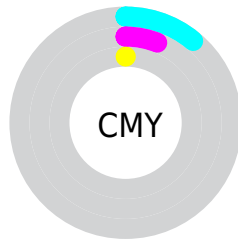
- Red (89%)
- Green (94%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.8230, 8.4683, -9.4918 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 237.8230, 8.4683, -9.4918 by changing the saturation by 10% instead.

■ 237.8230, 8.4683,
-9.4918

■ 237.8230, 8.4683,
-9.4918

255.0000, 0.0000,
0.0000

■ 209.7090, 8.0315,
-9.3918

■ 182.0080, 7.8841,
-8.7770

■ 155.0080, 7.8841,
-8.7770

■ 129.0080, 7.8841,
-8.7770

■ 103.8940, 7.4473,
-8.6770

■ 79.7800, 7.0105,
-8.5771

■ 57.0790, 6.8631,

-7.9623

■ 34.9650, 6.4263,
-7.8623

■ 13.0680, 6.8685,
-9.7066

■ 237.8230, 8.4683,
-9.4918

■ 237.8230, 8.4683,
-9.4918

■ 222.1300, 16.2049,
-17.6540

■ 253.5160, 0.7316,
-1.3295

■ 206.7250, 23.7996,
-26.9458

■ 255.0000, 0.0000,
0.0000

■ 190.7330, 31.6836,
-35.7228

■ 175.0400, 39.4203,
-43.8851

■ 159.6350, 47.0149,
-53.1769

■ 143.9420, 54.7516,
-61.3391

■ 128.2490, 62.4882,
-69.5014

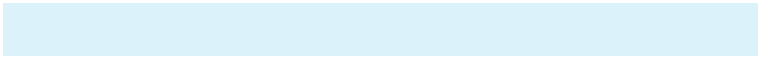
■ 112.8440, 70.0829,
-78.7932

■ 98.3360, 77.2354,
-86.2407

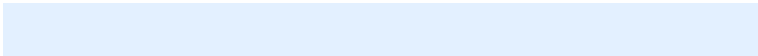
Harmonies

Analogous

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



236.4480, 7.1741, -14.4249



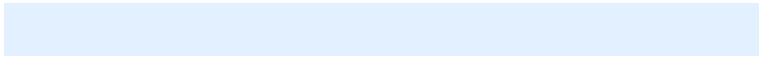
237.8230, 8.4683, -9.4918



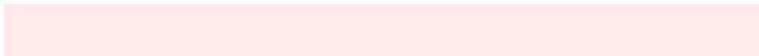
238.9380, 7.4256, -1.6996

Triad

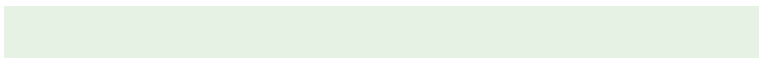
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.8230, 8.4683, -9.4918



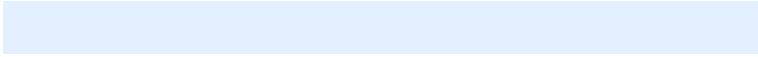
239.5780, -3.2430, 13.5251



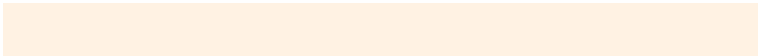
236.5170, -4.1989, -6.5924

Complementary

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



237.8230, 8.4683, -9.4918



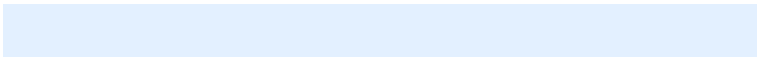
244.1770, -8.4683, 9.4918

Split Complementary

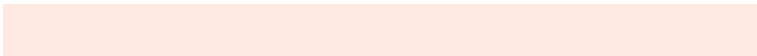
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.7630, -7.2782, 1.0848



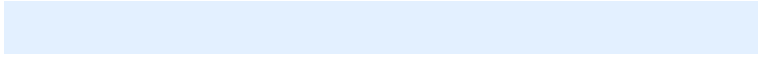
237.8230, 8.4683, -9.4918



239.3670, -6.5899, 13.7101

Square

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



237.8230, 8.4683, -9.4918



240.4900, 0.2514, 12.7253



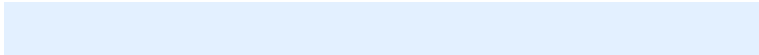
238.8780, -8.3209, 8.8770



236.0970, -0.5408, -13.2401

Rectangle

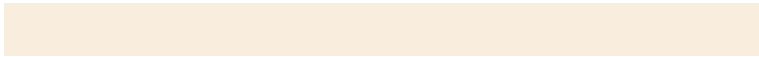
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.8230, 8.4683, -9.4918



239.5150, 5.6621, 3.9333



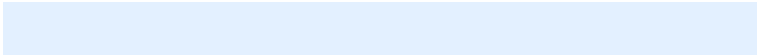
238.8780, -8.3209, 8.8770



236.7840, -5.8095, -3.3186

Sweetspot

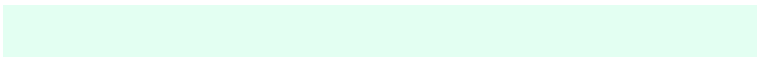
The Sweet Spot groups the original color and five complimentary colors.



237.8230, 8.4683, -9.4918



250.2600, 2.3368, -2.8590



245.1460, -1.5510, -15.9140



124.4450, 1.7526, -2.1443



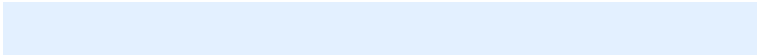
0.0000, 0.0000, 0.0000



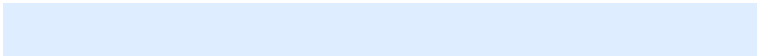
128.0000, 0.0000, 0.0000

Same Dimension

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



237.8230, 8.4683, -9.4918



234.5670, 10.0735, -11.0213



230.4910, 12.0829, -2.1846



120.0040, 3.9420, -4.3885



74.0170, 57.6726, -64.9129



24.9060, 19.2733, -21.8426

Inverse Universe

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



236.8540, 1.5510, 15.9140



233.5770, 1.6875, 18.7880



251.5090, -12.0829, 2.1846



119.5710, 0.7045, 7.3922



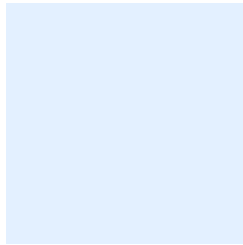
67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 237.8230, 8.4683, -9.4918 looks on a white background.

Color Contrast Check

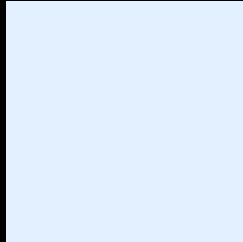
Large Text (above 18pt) WCAG AA × Fail

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 237.8230, 8.4683, -9.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

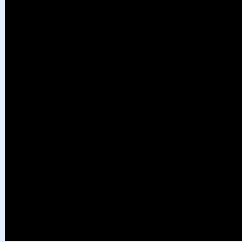
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

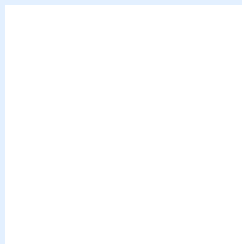
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.8230, 8.4683, -9.4918

Background



This preview shows how black text looks on a background with the YUV color 237.8230, 8.4683, -9.4918.



This preview shows how white text looks on a background with the YUV color 237.8230, 8.4683, -9.4918.

-9.4918.

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

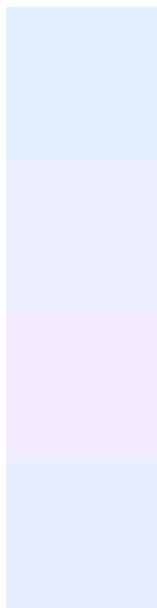




Tritanopia

238.1330, 8.3154, -7.1326

Trichromacy



Original Color

237.8230, 8.4683, -9.4918

Protanomaly

238.6280, 7.5784, -4.0588

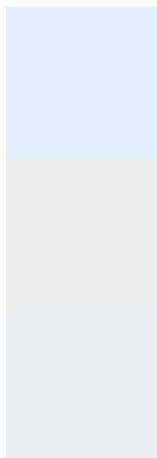
Deuteranomaly

239.6720, 7.5567, 2.9187

Tritanomaly

237.8340, 8.4628, -7.7474

Monochromacy



Original Color

237.8230, 8.4683, -9.4918

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.0750, 2.9210, -3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.8230, 8.4683, -9.4918 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(227, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 237.8230, 8.4683, -9.4918 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(227, 240, 255) }
```


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

```
.border{ border-color:rgb(227, 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(227, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 237.8230, 8.4683, -9.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 255) }
```

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

```
.background{ background-color: rgb(227,  
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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