

Converting Colors

YUV(244.9000, 4.9793,
-10.4363)

Have a look what the booklet for
YUV(244.9000, 4.9793, -10.4363)
contains.

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Color

**YUV(244.9000, 4.9793,
-10.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F9FF
RGB	233, 249, 255
RGB Percent	91%, 98%, 100%
CMY	0.0863, 0.0235, 0.0000
CMYK	0.09, 0.02, 0.00, 0.00
HSL	196°, 100%, 96%
HSV	196°, 9%, 100%
XYZ	85.5300, 92.2950, 107.9145
YIQ	244.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

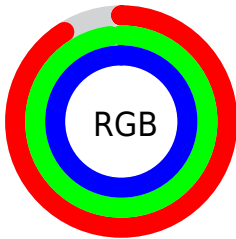
Format	Color
R _Y B	233, 242, 255
Decimal	15333887
CIE Lab	96.94, -4.09, -4.68
CIE LCh	97, 6.217, 228.833
Yxy	92.2950, 0.2993, 0.3230
Android (android.graphics.Color)	4293523967 (0xFFE9F9FF)
YUV	244.9000, 4.9793, -10.4363
Hunter-Lab	96.0703, -9.2071, 0.6495

Details

The YUV color $244.9000, 4.9793, -10.4363$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.1000, -4.9793, 10.4363$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.7860, 4.5425, -10.3363$ is the 20% darker color. If you saturate the color by 10%, you get $233.3160, 10.6902, -22.2021$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

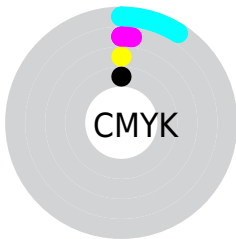
Distribution



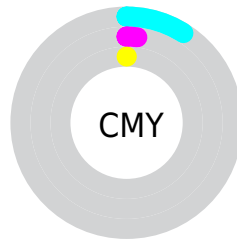
- Red (91%)
- Green (98%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.9000, 4.9793, -10.4363 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 244.9000, 4.9793, -10.4363 by changing the saturation by 10% instead.

244.9000, 4.9793,
-10.4363

244.9000, 4.9793,
-10.4363

255.0000, 0.0000,
0.0000

216.1990, 4.8319,
-9.8215

188.7860, 4.5425,
-10.3363

161.1990, 4.8319,
-9.8215

135.4980, 4.6845,
-9.2067

110.3840, 4.2477,
-9.1068

85.3840, 4.2477,
-9.1068

62.6830, 4.1003,

-8.4920

■ 40.5690, 3.6635,
-8.3920

■ 19.2700, 3.8109,
-9.0068

■ 244.9000, 4.9793,
-10.4363

■ 244.9000, 4.9793,
-10.4363

■ 233.3160, 10.6902,
-22.2021

255.0000, 0.0000,
0.0000

■ 221.4330, 16.5485,
-34.5827

■ 209.5500, 22.4069,
-46.9633

■ 197.9660, 28.1178,
-58.7292

■ 186.3820, 33.8287,
-70.4950

■ 174.4990, 39.6870,
-82.8756

■ 162.9150, 45.3979,
-94.6415

■ 151.0320, 51.2562,
-107.0221

■ 139.4480, 56.9671,
-118.7879

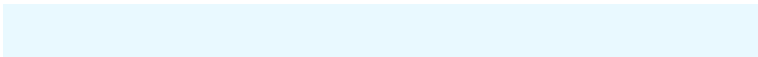
Harmonies

Analogous

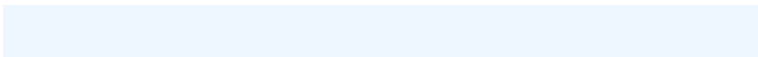
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.6180, 2.6533, -11.0660



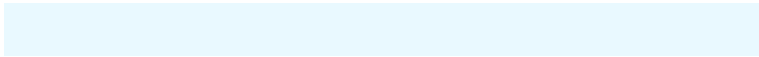
244.9000, 4.9793, -10.4363



245.2210, 4.8210, -6.3328

Triad

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



244.9000, 4.9793, -10.4363



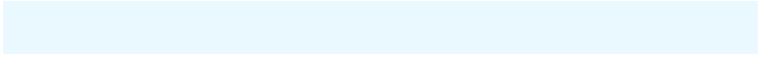
246.6850, 1.1413, 7.2923



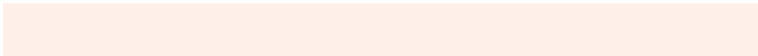
245.6320, -5.2416, 1.1997

Complementary

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



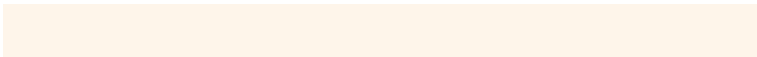
244.9000, 4.9793, -10.4363



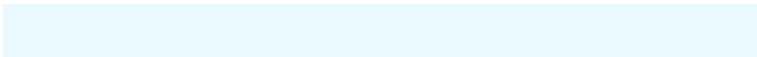
243.1000, -4.9793, 10.4363

Split Complementary

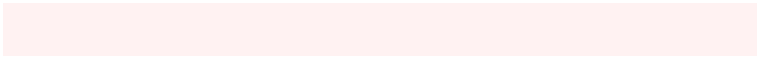
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.4370, -6.1314, 6.6328



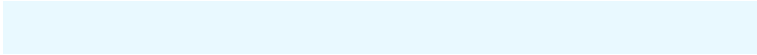
244.9000, 4.9793, -10.4363



245.8870, -1.9163, 7.9921

Square

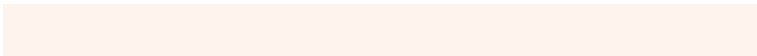
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.9000, 4.9793, -10.4363



247.5320, 3.1887, 3.9184



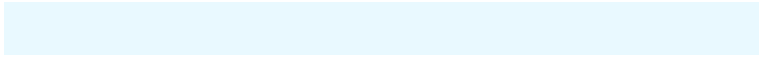
245.9040, -4.3897, 7.9772



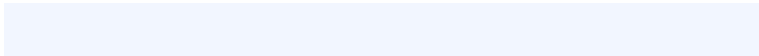
245.0550, -3.4781, -4.4332

Rectangle

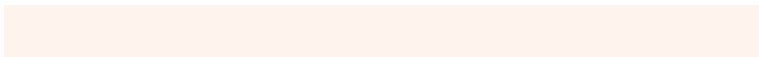
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.9000, 4.9793, -10.4363



245.8300, 4.5208, -3.3589



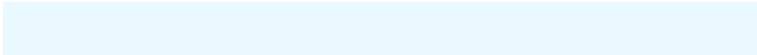
245.9040, -4.3897, 7.9772



245.8280, -5.8312, 3.6588

Sweetspot

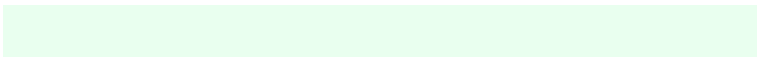
The Sweet Spot groups the original color and five complimentary colors.



244.9000, 4.9793, -10.4363



251.4340, 1.7580, -3.8886



246.5980, -3.7458, -11.9254



125.0320, 1.4632, -2.6591



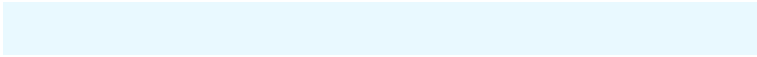
0.0000, 0.0000, 0.0000



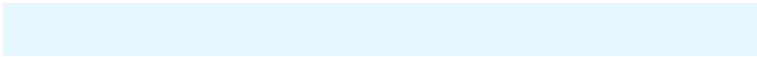
128.0000, 0.0000, 0.0000

Same Dimension

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



244.9000, 4.9793, -10.4363



243.4160, 5.7109, -11.7658



238.4430, 8.1626, -4.7735



121.7650, 3.0739, -5.9329



103.3670, 43.2031, -90.6529



34.2980, 14.6431, -30.0793

Inverse Universe

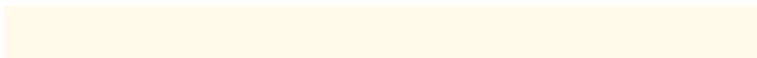
The Inverse Universe completely reimagines the original color for something new.



241.4020, 3.7458, 11.9254



239.5270, 4.1772, 13.5698



249.5570, -8.1626, 4.7735



119.9130, 2.0149, 7.0923



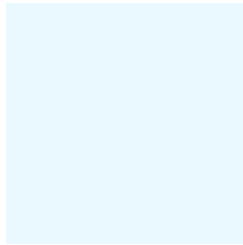
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 244.9000, 4.9793, -10.4363 looks on a white background.

Color Contrast Check

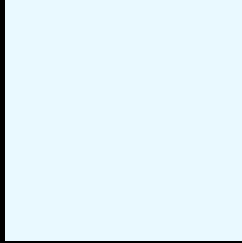
Large Text (above 18pt) WCAG AA × Fail

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 244.9000, 4.9793, -10.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

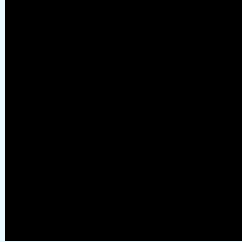
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

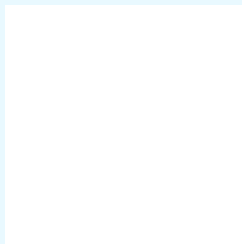
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.9000, 4.9793, -10.4363

Background



This preview shows how black text looks on a background with the YUV color 244.9000, 4.9793, -10.4363.



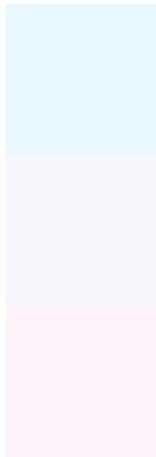
This preview shows how white text looks on a background with the YUV color 244.9000, 4.9793, -10.4363.

-10.4663.

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

244.9000, 4.9793, -10.4363

Protanopia

246.6950, 2.6154, 1.1445

Deuteranopia

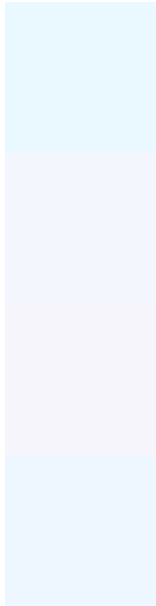
247.5000, 1.7255, 6.5775



Tritanopia

245.5310, 4.6682, -3.9737

Trichromacy



Original Color

244.9000, 4.9793, -10.4363

Protanomaly

245.9010, 3.4998, -2.5442

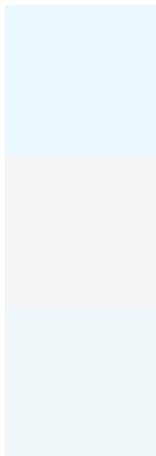
Deuteranomaly

246.3960, 2.7628, 0.5297

Tritanomaly

245.2210, 4.8210, -6.3328

Monochromacy



Original Color

244.9000, 4.9793, -10.4363

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.9000, 4.9793, -10.4363 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(233, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 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(233, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 255) }
```

Border

The CSS property to change the border of an element to YUV 244.9000, 4.9793, -10.4363 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(233, 249, 255) }
```


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

```
.border{ border-color:rgb(233, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(233, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 244.9000, 4.9793, -10.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 255) }
```

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

```
.background{ background-color: rgb(233,  
249, 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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