

Converting Colors

YUV(249.9450, 0.0271, -8.7218)

Have a look what the booklet for
YUV(249.9450, 0.0271, -8.7218)
contains.

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Color

**YUV(249.9450, 0.0271,
-8.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFA
RGB	240, 255, 250
RGB Percent	94%, 100%, 98%
CMY	0.0588, 0.0000, 0.0196
CMYK	0.06, 0.00, 0.02, 0.00
HSL	160°, 100%, 97%
HSV	160°, 6%, 100%
XYZ	88.9505, 96.9474, 104.4670
YIQ	249.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

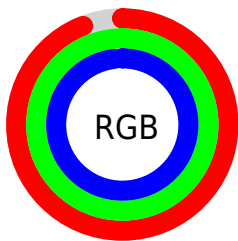
Format	Color
R _Y B	240, 249, 255
Decimal	15794170
CIE Lab	98.81, -5.79, 0.69
CIE LCh	99, 5.827, 173.249
Yxy	96.9474, 0.3063, 0.3339
Android (android.graphics.Color)	4293984250 (0xFF0FFFA)
YUV	249.9450, 0.0271, -8.7218
Hunter-Lab	98.4619, -11.0513, 6.0172

Details

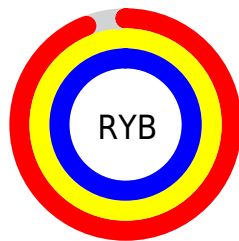
The YUV color $249.9450, 0.0271, -8.7218$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.0550, -0.0271, 8.7218$, and the grayscale version is $250.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $193.3580, 0.3165, -8.2070$ is the 20% darker color. If you saturate the color by 10%, you get $241.5580, 0.2179, -23.2914$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

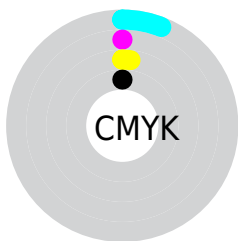
Distribution



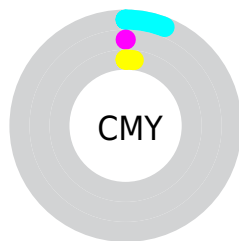
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.9450, 0.0271, -8.7218 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 249.9450, 0.0271, -8.7218 by changing the saturation by 10% instead.

 249.9450, 0.0271,
-8.7218

 249.9450, 0.0271,
-8.7218


255.0000, 0.0000,
0.0000

 221.2440, -0.1203,
-8.1070

 193.3580, 0.3165,
-8.2070

 166.2440, -0.1203,
-8.1070

 140.2440, -0.1203,
-8.1070

 114.6570, 0.1691,
-7.5922

 89.9560, 0.0217,
-6.9774

 66.6570, 0.1691,

-7.5922

■ 44.3690, 0.3111,
-6.4626

■ 23.3690, 0.3111,
-6.4626

■ 249.9450, 0.0271,
-8.7218

■ 249.9450, 0.0271,
-8.7218

■ 241.5580, 0.2179,
-23.2914

255.0000, 0.0000,
0.0000

■ 232.7580, 0.1193,
-38.3758

■ 223.9580, 0.0207,
-53.4602

■ 215.5710, 0.2115,
-68.0298

■ 207.0700, -0.0345,
-82.4994

■ 198.3840, 0.3037,
-97.6838

■ 189.5840, 0.2051,
-112.7682

■ 181.1970, 0.3959,
-127.3378

■ 172.3970, 0.2973,
-142.4222

Harmonies

Analogous

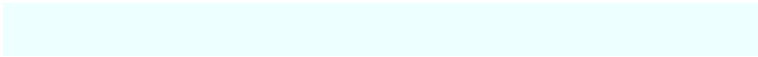
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250.2830, -2.6045, -4.6332



249.9450, 0.0271, -8.7218



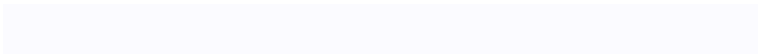
249.9170, 2.5059, -10.4512

Triad

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



249.9450, 0.0271, -8.7218



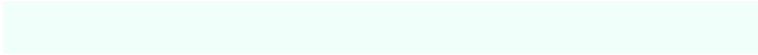
251.4560, 1.7472, -0.3999



250.1100, -3.5052, 4.2885

Complementary

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



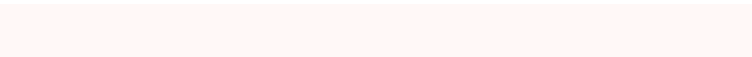
249.9450, 0.0271, -8.7218



245.0550, -0.0271, 8.7218

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.



249.9790, -1.4686, 4.4034



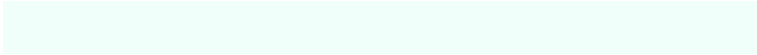
249.9450, 0.0271, -8.7218



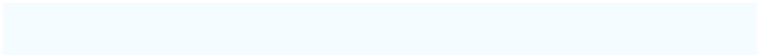
251.4780, 1.7363, 3.0888

Square

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



249.9450, 0.0271, -8.7218



250.2490, 2.3422, -4.6034



250.6630, 1.1521, 3.8035



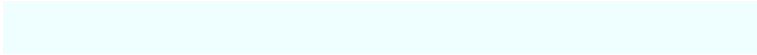
250.9420, -5.3944, 3.5589

Rectangle

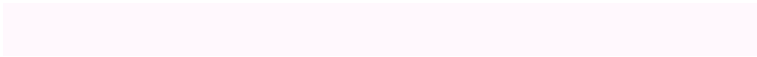
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



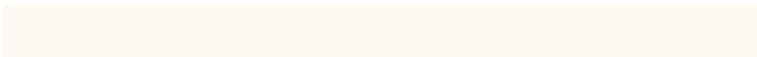
249.9450, 0.0271, -8.7218



249.6290, 2.6479, -9.3216



250.6630, 1.1521, 3.8035



250.2240, -3.0684, 4.1886

Sweetspot

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



249.9450, 0.0271, -8.7218



253.2770, -0.1366, -2.8739



250.3000, -5.0779, -4.6481



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

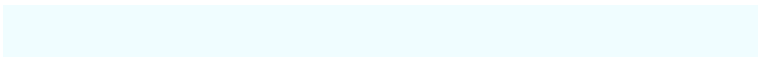
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.9450, 0.0271, -8.7218



248.9340, 0.0325, -10.4661



249.3410, 2.7899, -8.1921



124.2550, -0.1257, -6.3626



126.5950, 0.1997, -111.0238



42.3560, -0.1755, -37.1462

Inverse Universe

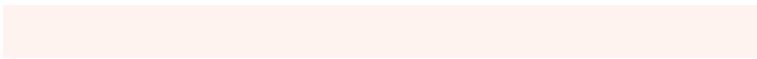
The Inverse Universe completely reimagines the original color for something new.



245.0550, -0.0271, 8.7218



243.0660, -0.0325, 10.4661



246.2460, -3.0793, 7.6773



120.7450, 0.1257, 6.3626



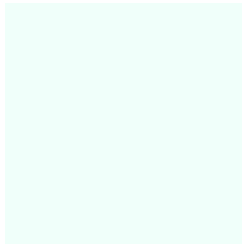
64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 249.9450, 0.0271, -8.7218 looks on a white background.

Color Contrast Check

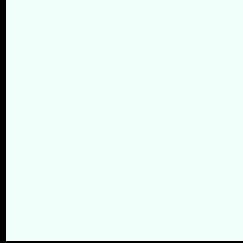
Large Text (above 18pt) WCAG AA × Fail

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 249.9450, 0.0271, -8.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

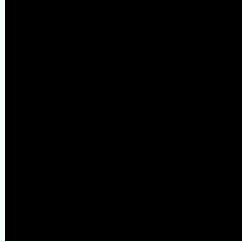
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.9450, 0.0271, -8.7218

Background



This preview shows how black text looks on a background with the YUV color 249.9450, 0.0271, -8.7218.



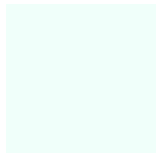
This preview shows how white text looks on a background with the YUV color 249.9450, 0.0271, -8.7218.

-8.718.

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

249.9450, 0.0271, -8.7218



Protanopia

251.9680, -1.4632, 2.6591

Deuteranopia

251.7230, 0.1366, 2.8739

Tritanopia

251.1570, 1.8946, -1.0147

Trichromacy



Original Color

249.9450, 0.0271, -8.7218

Protanomaly

251.0600, -1.0156, -0.9296

Deuteranomaly

251.2880, -0.1420, -1.1296

Tritanomaly

250.3200, 1.3212, -3.7886

Monochromacy



Original Color

249.9450, 0.0271, -8.7218

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.9450, 0.0271, -8.7218 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(240, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 250)  
}
```

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(240, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 250) }
```

Border

The CSS property to change the border of an element to YUV 249.9450, 0.0271, -8.7218 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(240, 255, 250) }
```


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

```
.border{ border-color:rgb(240, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 249.9450, 0.0271, -8.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 250) }
```

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

```
.background{ background-color: rgb(240,  
255, 250) }
```

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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