

Converting Colors

YUV(237.9810, 5.4324,
-15.7693)

Have a look what the booklet for
YUV(237.9810, 5.4324, -15.7693)
contains.

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Color

**YUV(237.9810, 5.4324,
-15.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF5F9
RGB	220, 245, 249
RGB Percent	86%, 96%, 98%
CMY	0.1373, 0.0392, 0.0235
CMYK	0.12, 0.02, 0.00, 0.02
HSL	188°, 71%, 92%
HSV	188°, 12%, 98%
XYZ	79.2665, 87.3600, 102.3069
YIQ	237.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

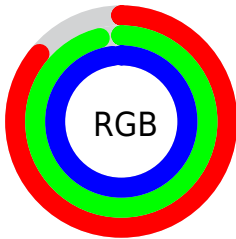
Format	Color
R _Y B	220, 233, 249
Decimal	14480889
CIE Lab	94.89, -7.34, -4.70
CIE LCh	95, 8.715, 212.627
Yxy	87.3600, 0.2947, 0.3248
Android (android.graphics.Color)	4292670969 (0xFFDC5F9)
YUV	237.9810, 5.4324, -15.7693
Hunter-Lab	93.4666, -12.1855, 0.5288

Details

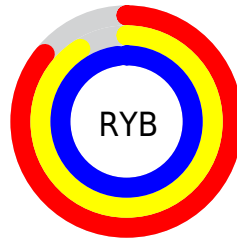
The YUV color $237.9810, 5.4324, -15.7693$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.0190, -5.4324, 15.7693$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.2800, 5.2850, -15.1546$ is the 20% darker color. If you saturate the color by 10%, you get $228.7450, 9.9857, -29.5944$, and if you desaturate by 10%, it is $247.2170, 0.8790, -1.9443$.

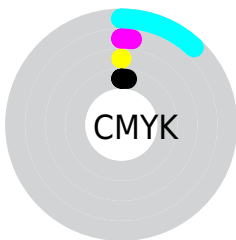
Distribution



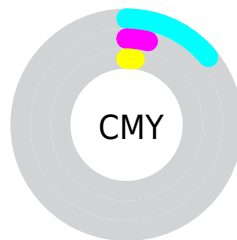
- Red (86%)
- Green (96%)
- Blue (98%)



- Red (86%)
- Yellow (91%)
- Blue (98%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.9810, 5.4324, -15.7693 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 237.9810, 5.4324, -15.7693 by changing the saturation by 10% instead.

■ 237.9810, 5.4324,
-15.7693

■ 237.9810, 5.4324,
-15.7693

255.0000, 0.0000,
0.0000

■ 209.8670, 4.9956,
-15.6694

■ 182.2800, 5.2850,
-15.1546

■ 155.1660, 4.8482,
-15.0546

■ 129.4650, 4.7008,
-14.4398

■ 103.8780, 4.9901,
-13.9250

■ 79.7640, 4.5533,
-13.8250

■ 56.7640, 4.5533,

-13.8250

■ 35.0630, 4.4059,
-13.2103

■ 14.9490, 3.9691,
-13.1103

■ 237.9810, 5.4324,
-15.7693

■ 237.9810, 5.4324,
-15.7693

■ 228.7450, 9.9857,
-29.5944

■ 247.2170, 0.8790,
-1.9443

■ 218.9220, 14.8285,
-42.9046

■ 252.5550, -1.7526,
2.1443

■ 209.6860, 19.3818,
-56.7296

■ 254.3160, -2.6208,
0.5999

■ 199.8630, 24.2245,
-70.0399

■ 190.9260, 28.6305,
-83.2501

■ 181.1030, 33.4732,
-96.5603

■ 171.8670, 38.0266,
-110.3854

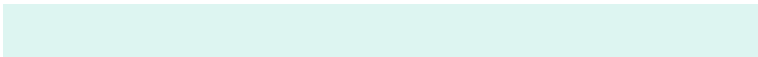
■ 162.6310, 42.5799,
-124.2104

■ 154.5910, 46.5436,
-135.5763

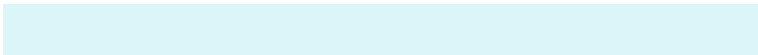
Harmonies

Analogous

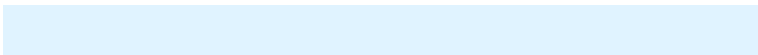
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3680, 1.7906, -14.3547



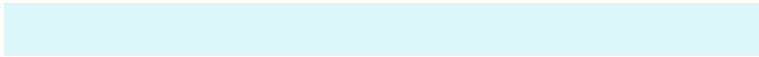
237.9810, 5.4324, -15.7693



238.6870, 8.0423, -12.8805

Triad

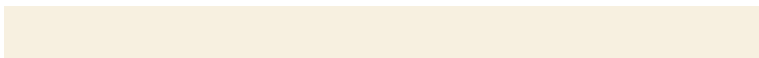
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.9810, 5.4324, -15.7693



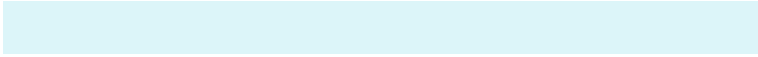
242.1520, 2.8831, 8.6367



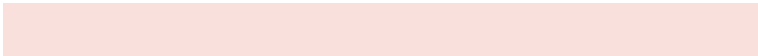
240.2690, -8.0206, 5.9031

Complementary

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



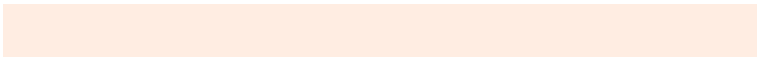
237.9810, 5.4324, -15.7693



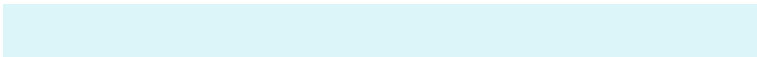
231.0190, -5.4324, 15.7693

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.



241.1280, -7.4581, 12.1657



237.9810, 5.4324, -15.7693



241.5500, -0.7642, 11.7956

Square

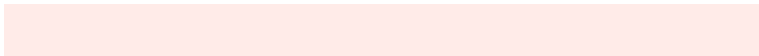
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.9810, 5.4324, -15.7693



241.3190, 6.2517, 1.4742



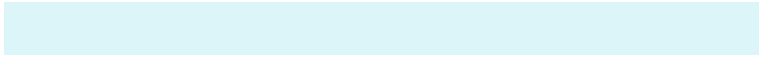
240.6380, -4.2585, 12.5955



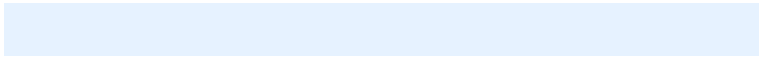
239.2680, -6.5411, -1.9890

Rectangle

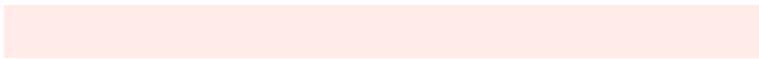
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.9810, 5.4324, -15.7693



239.8940, 7.4473, -8.6770



240.6380, -4.2585, 12.5955



240.5790, -8.1734, 8.2622

Sweetspot

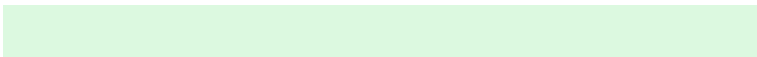
The Sweet Spot groups the original color and five complimentary colors.



237.9810, 5.4324, -15.7693



252.0210, 1.4686, -4.4034



237.4790, -6.6451, -15.3291



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



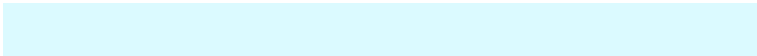
128.0000, 0.0000, 0.0000

Same Dimension

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



237.9810, 5.4324, -15.7693



241.3010, 6.7536, -19.5580



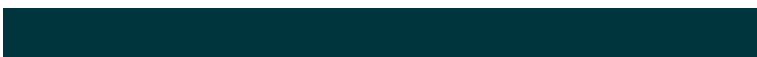
229.7630, 9.4838, -8.5622



119.9390, 2.4951, -6.9625



117.2270, 35.3841, -102.8081



38.0650, 11.3070, -33.3830

Inverse Universe

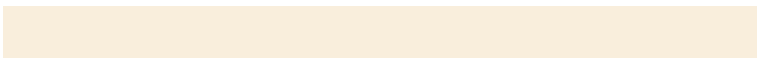
The Inverse Universe completely reimagines the original color for something new.



231.5210, 6.6451, 15.3291



233.2980, 8.2341, 19.0327



239.2370, -9.4838, 8.5622



117.1410, 2.8885, 6.8923



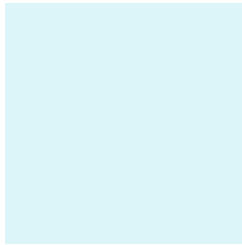
75.0930, 43.3382, 99.8964



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 237.9810, 5.4324, -15.7693 looks on a white background.

Color Contrast Check

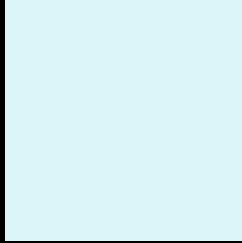
Large Text (above 18pt) WCAG AA × Fail

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 237.9810, 5.4324, -15.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

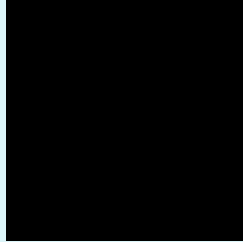
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.9810, 5.4324, -15.7693

Background



This preview shows how black text looks on a background with the YUV color 237.9810, 5.4324, -15.7693.



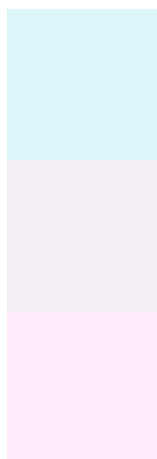
This preview shows how white text looks on a background with the YUV color 237.9810, 5.4324, -15.7693.

-15.7693.

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

237.9810, 5.4324, -15.7693

Protanopia

240.8800, 2.0312, 1.8592

Deuteranopia

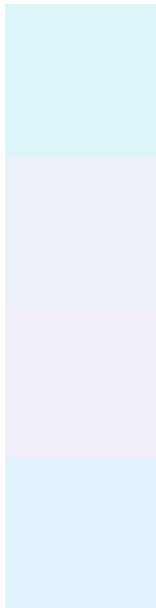
242.1030, 3.8932, 11.3107



Tritanopia

239.2960, 7.7421, -9.9066

Trichromacy



Original Color

237.9810, 5.4324, -15.7693

Protanomaly

239.7760, 3.0684, -4.1886

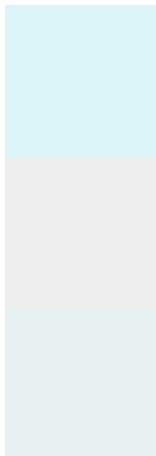
Deuteranomaly

240.5640, 4.6519, 1.2594

Tritanomaly

238.7580, 7.0213, -12.0658

Monochromacy



Original Color

237.9810, 5.4324, -15.7693

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.9810, 5.4324, -15.7693 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(220, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 245, 249)  
}
```

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(220, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 245, 249) }
```

Border

The CSS property to change the border of an element to YUV 237.9810, 5.4324, -15.7693 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(220, 245, 249) }
```


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

```
.border{ border-color:rgb(220, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 245,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 237.9810, 5.4324, -15.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 245, 249) }
```

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

```
.background{ background-color: rgb(220,  
245, 249) }
```

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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