

Converting Colors

YUV(235.9500, 5.9407, 7.9369)

Have a look what the booklet for
YUV(235.9500, 5.9407, 7.9369)
contains.

YUV(235.9500, 5.9407, 7.9369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(235.9500, 5.9407,
7.9369)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5F8
RGB	245, 229, 248
RGB Percent	96%, 90%, 97%
CMY	0.0392, 0.1020, 0.0275
CMYK	0.01, 0.08, 0.00, 0.03
HSL	291°, 58%, 94%
HSV	291°, 8%, 97%
XYZ	82.6188, 82.2284, 100.3241
YIQ	235.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

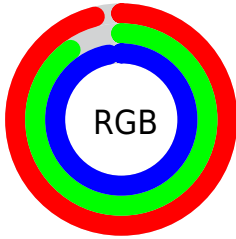
Format	Color
R _Y B	245, 229, 248
Decimal	16115192
CIE Lab	92.68, 8.75, -7.24
CIE LCh	93, 11.361, 320.385
Yxy	82.2284, 0.3116, 0.3101
Android (android.graphics.Color)	4294305272 (0xFF5E5F8)
YUV	235.9500, 5.9407, 7.9369
Hunter-Lab	90.6799, 3.9422, -2.1199

Details

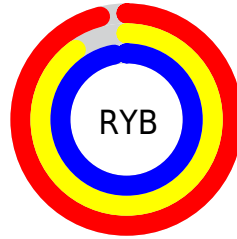
The YUV color `235.9500, 5.9407, 7.9369` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.0500, -5.9406, -7.9368`, and the grayscale version is `236.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `180.5370, 5.6513, 7.4221` is the 20% darker color. If you saturate the color by 10%, you get `220.0790, 13.7651, 18.3477`, and if you desaturate by 10%, it is `251.8210, -1.8838, -2.4740`.

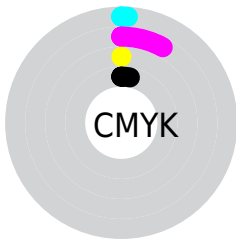
Distribution



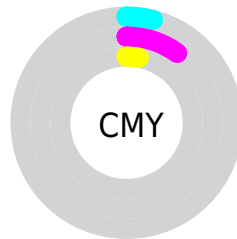
- Red (96%)
- Green (90%)
- Blue (97%)



- Red (96%)
- Yellow (90%)
- Blue (97%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)




- Cyan (4%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9500, 5.9407, 7.9369 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 235.9500, 5.9407, 7.9369 by changing the saturation by 10% instead.

 235.9500, 5.9407,
7.9369


 235.9500, 5.9407,
7.9369


255.0000, 0.0000,
0.0000


 207.8360, 5.5039,
8.0368

 180.5370, 5.6513,
7.4221

 153.5370, 5.6513,
7.4221

 127.1240, 5.3619,
6.9073

 102.1240, 5.3619,
6.9073

 78.5970, 4.6357,
6.4924

 55.2980, 4.7831,

5.8777

■ 33.8850, 4.4937,
5.3629

■ 11.2490, 5.7932,
8.5516

■ 235.9500, 5.9407,
7.9369

■ 235.9500, 5.9407,
7.9369

■ 220.0790, 13.7651,
18.3477

■ 251.8210, -1.8838,
-2.4740

■ 204.2080, 21.5895,
28.7586

■ 253.6040, -2.7628,
-0.5297

■ 188.9240, 29.1245,
38.6547

■ 254.2020, -3.0576,
0.6998

■ 173.0530, 36.9489,
49.0655

■ 157.1820, 44.7733,
59.4764

■ 141.6100, 52.4503,
70.5020

■ 125.7390, 60.2747,
80.9129

■ 110.4550, 67.8097,
90.8090

■ 94.5840, 75.6341,
101.2198

Harmonies

Analogous

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



234.5080, 9.6096, -2.1995



235.9500, 5.9407, 7.9369



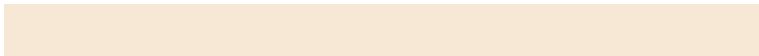
236.3270, 0.8248, 15.4992

Triad

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



235.9500, 5.9407, 7.9369



234.3190, -10.5103, 11.1212



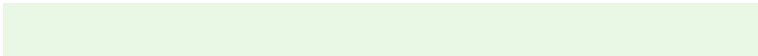
230.2470, 5.3012, -20.3876

Complementary

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



235.9500, 5.9407, 7.9369



241.0500, -5.9406, -7.9368

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.



230.4880, -0.2406, -16.2140



235.9500, 5.9407, 7.9369



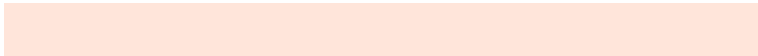
233.0790, -9.8989, 1.6847

Square

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



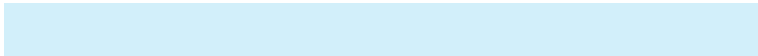
235.9500, 5.9407, 7.9369



235.5200, -8.6374, 17.0840



231.7510, -5.7932, -8.5516



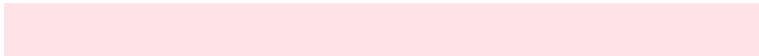
231.5830, 9.0796, -18.9283

Rectangle

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



235.9500, 5.9407, 7.9369



235.7140, -2.8170, 16.9138



231.7510, -5.7932, -8.5516



230.6770, 3.1172, -19.8877

Sweetspot

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



235.9500, 5.9407, 7.9369



251.7660, 1.5944, 1.9592



232.9270, 7.4310, -3.4440



125.9400, 1.0156, 0.9296



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.



235.9500, 5.9407, 7.9369



240.3030, 7.2456, 9.3813



236.1630, 2.8776, 10.3810



116.7710, 4.0569, 5.4628



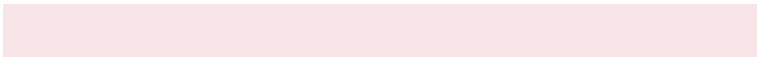
69.0870, 59.1171, 78.8537



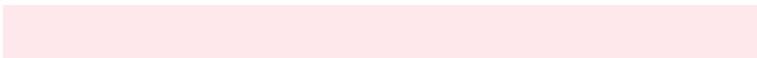
22.5020, 18.9795, 25.8697

Inverse Universe

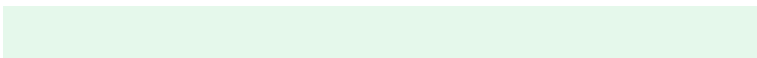
The Inverse Universe completely reimagines the original color for something new.



235.0230, -1.4903, 11.3808



239.3330, -1.6432, 13.7400



240.8370, -2.8776, -10.3810



116.1150, -1.0427, 7.7921



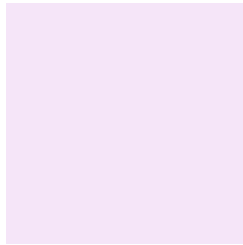
59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 235.9500, 5.9407, 7.9369 looks on a white background.

Color Contrast Check

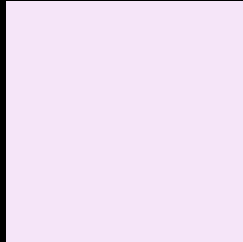
Large Text (above 18pt) WCAG AA × Fail

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 235.9500, 5.9407, 7.9369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

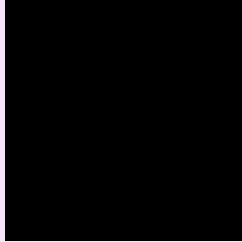
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

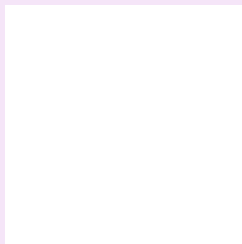
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.9500, 5.9407, 7.9369

Background



This preview shows how black text looks on a background with the YUV color 235.9500, 5.9407, 7.9369.



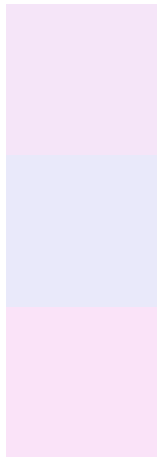
This preview shows how white text looks on a background with the YUV color 235.9500, 5.9407,

7.9369.

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

235.9500, 5.9407, 7.9369

Protanopia

234.9380, 7.4256, -1.6996

Deuteranopia

236.2710, 5.7824, 12.0403



Tritanopia

235.8360, 5.5039, 8.0368

Trichromacy



Original Color

235.9500, 5.9407, 7.9369

Protanomaly

235.4330, 6.6885, 1.3743

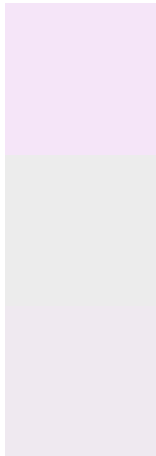
Deuteranomaly

236.2600, 5.7878, 10.2960

Tritanomaly

235.8360, 5.5039, 8.0368

Monochromacy



Original Color

235.9500, 5.9407, 7.9369

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9500, 5.9407, 7.9369 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(245, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 248)  
}
```

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(245, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 248) }
```

Border

The CSS property to change the border of an element to YUV 235.9500, 5.9407, 7.9369 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(245, 229, 248) }
```


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

```
.border{ border-color:rgb(245, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 235.9500, 5.9407, 7.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 248) }
```

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

```
.background{ background-color: rgb(245,  
229, 248) }
```

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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