

Converting Colors

YUV(242.8950, 5.9678, -0.7849)

Have a look what the booklet for
YUV(242.8950, 5.9678, -0.7849)
contains.

YUV(242.8950, 5.9678, -0.7849)	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(242.8950, 5.9678,
-0.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F1FF
RGB	242, 241, 255
RGB Percent	95%, 95%, 100%
CMY	0.0510, 0.0549, 0.0000
CMYK	0.05, 0.05, 0.00, 0.00
HSL	244°, 100%, 97%
HSV	244°, 5%, 100%
XYZ	86.1232, 89.0078, 107.2488
YIQ	242.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

Format	Color
R _Y B	242, 241, 255
Decimal	15921663
CIE Lab	95.58, 2.87, -6.61
CIE LCh	96, 7.205, 293.480
Yxy	89.0078, 0.3050, 0.3152
Android (android.graphics.Color)	4294111743 (0xFF F2 F1 FF)
YUV	242.8950, 5.9678, -0.7849
Hunter-Lab	94.3440, -2.1556, -1.3592

Details

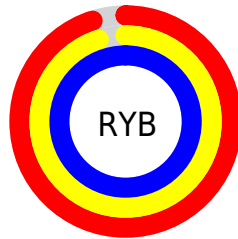
The YUV color $242.8950, 5.9678, -0.7849$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $253.1050, -5.9678, 0.7849$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.7810, 5.5310, -0.6849$ is the 20% darker color. If you saturate the color by 10%, you get $221.0440, 16.7403, -2.6696$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

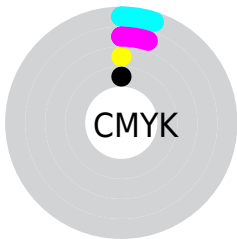
Distribution



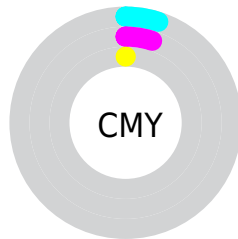
- Red (95%)
- Green (95%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.8950, 5.9678, -0.7849 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 242.8950, 5.9678, -0.7849 by changing the saturation by 10% instead.

242.8950, 5.9678,
-0.7849

242.8950, 5.9678,
-0.7849

255.0000, 0.0000,
0.0000

214.7810, 5.5310,
-0.6849

186.7810, 5.5310,
-0.6849

159.7810, 5.5310,
-0.6849

133.7810, 5.5310,
-0.6849

108.6670, 5.0942,
-0.5850

84.2540, 4.8048,
-1.0998

61.2540, 4.8048,

-1.0998

■ 39.1400, 4.3680,
-0.9998

■ 18.4390, 4.2206,
-0.3850

■ 242.8950, 5.9678,
-0.7849

■ 242.8950, 5.9678,
-0.7849

■ 221.0440, 16.7403,
-2.6696

255.0000, 0.0000,
0.0000

■ 198.9050, 27.6548,
-3.4247

■ 176.4670, 38.7168,
-4.7946

■ 154.6160, 49.4893,
-6.6792

■ 133.0640, 60.1144,
-7.9491

■ 110.6260, 71.1764,
-9.3190

■ 88.1880, 82.2383,
-10.6889

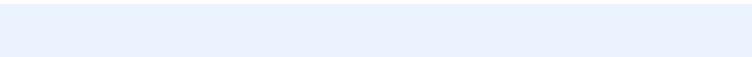
■ 66.6360, 92.8635,
-11.9588

■ 44.1980, 103.9254,
-13.3286

Harmonies

Analogous

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



241.6770, 6.5682, -6.7327



242.8950, 5.9678, -0.7849



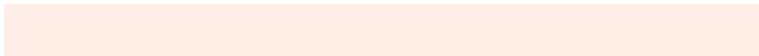
243.6570, 3.6201, 5.5628

Triad

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



242.8950, 5.9678, -0.7849



242.8720, -5.8529, 10.6363



239.9340, 0.0325, -10.4661

Complementary

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



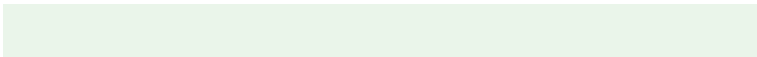
242.8950, 5.9678, -0.7849



253.1050, -5.9678, 0.7849

Split Complementary

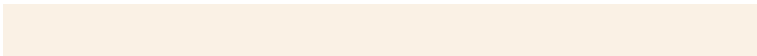
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.4570, -3.1833, -5.6628



242.8950, 5.9678, -0.7849



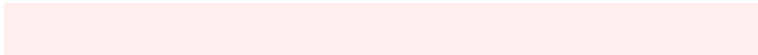
242.3230, -6.5682, 6.7327

Square

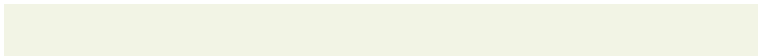
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



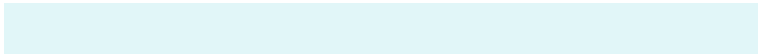
242.8950, 5.9678, -0.7849



242.9690, -2.9427, 10.5512



241.6920, -6.2572, 0.2701



239.9490, 3.9691, -13.1103

Rectangle

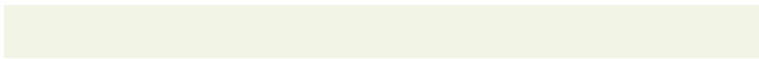
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



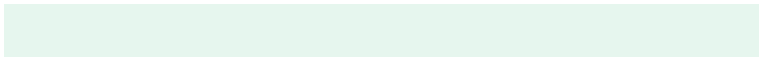
242.8950, 5.9678, -0.7849



243.6960, 1.1359, 9.0366



241.6920, -6.2572, 0.2701



240.3040, -1.1359, -9.0366

Sweetspot

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



242.8950, 5.9678, -0.7849



250.5700, 2.1840, -0.4999



250.2270, 2.3531, -8.0921



125.3420, 1.3104, -0.2999



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.



242.8950, 5.9678, -0.7849



239.3510, 7.7150, -1.1848



244.9880, 4.9359, 3.5185



118.5530, 4.6574, -0.4850



25.9600, 81.3647, -10.4889



8.7910, 27.2180, -3.3247

Inverse Universe

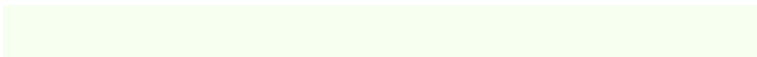
The Inverse Universe completely reimagines the original color for something new.



246.6680, 3.6147, 7.3072



244.3200, 4.7722, 9.3664



251.0120, -4.9359, -3.5185



121.4290, 2.7465, 5.7628



77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 242.8950, 5.9678, -0.7849 looks on a white background.

Color Contrast Check

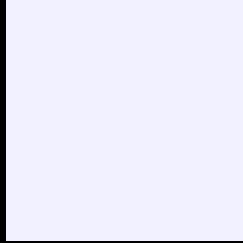
Large Text (above 18pt) WCAG AA × Fail

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 242.8950, 5.9678, -0.7849 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 242.8950, 5.9678, -0.7849

Background



This preview shows how black text looks on a background with the YUV color 242.8950, 5.9678, -0.7849.



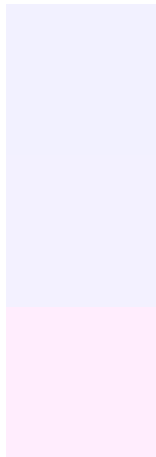
This preview shows how white text looks on a background with the YUV color 242.8950, 5.9678, -0.7849.

-0.7849.

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

242.8950, 5.9678, -0.7849

Protanopia

243.1940, 5.8204, -0.1701

Deuteranopia

244.2060, 4.3354, 9.4663



Tritanopia

243.1940, 5.8204, -0.1701

Trichromacy



Original Color

242.8950, 5.9678, -0.7849

Protanomaly

243.1940, 5.8204, -0.1701

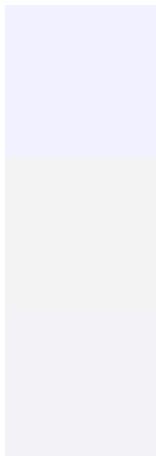
Deuteranomaly

243.4120, 5.2199, 5.7777

Tritanomaly

243.1940, 5.8204, -0.1701

Monochromacy



Original Color

242.8950, 5.9678, -0.7849

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.8950, 5.9678, -0.7849 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(242, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 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(242, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.8950, 5.9678, -0.7849 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(242, 241, 255) }
```


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

```
.border{ border-color:rgb(242, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.8950, 5.9678, -0.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 255) }
```

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

```
.background{ background-color: rgb(242,  
241, 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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