

Converting Colors

YUV(242.6780, 5.0887, 1.1594)

Have a look what the booklet for
YUV(242.6780, 5.0887, 1.1594)
contains.

YUV(242.6780, 5.0887, 1.1594)	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(242.6780, 5.0887,
1.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F0FD
RGB	244, 240, 253
RGB Percent	96%, 94%, 99%
CMY	0.0431, 0.0588, 0.0078
CMYK	0.04, 0.05, 0.00, 0.01
HSL	258°, 76%, 97%
HSV	258°, 5%, 99%
XYZ	86.1979, 88.6451, 105.4956
YIQ	242.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

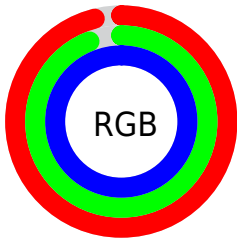
Format	Color
R _Y B	244, 240, 253
Decimal	16052477
CIE Lab	95.43, 3.66, -5.78
CIE LCh	95, 6.844, 302.377
Yxy	88.6451, 0.3075, 0.3162
Android (android.graphics.Color)	4294242557 (0xFF4F0FD)
YUV	242.6780, 5.0887, 1.1594
Hunter-Lab	94.1515, -1.3443, -0.5276

Details

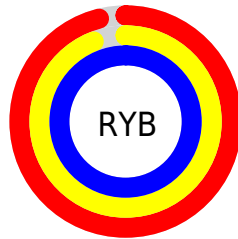
The YUV color `242.6780, 5.0887, 1.1594` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `250.3220, -5.0887, -1.1594`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.5640, 4.6519, 1.2594` is the 20% darker color. If you saturate the color by 10%, you get `222.6210, 14.9768, 2.9634`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

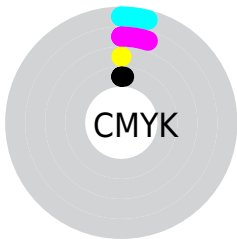
Distribution



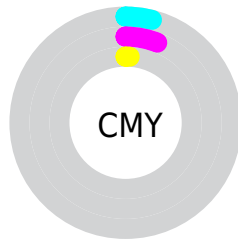
- Red (96%)
- Green (94%)
- Blue (99%)



- Red (96%)
- Yellow (94%)
- Blue (99%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6780, 5.0887, 1.1594 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 242.6780, 5.0887, 1.1594 by changing the saturation by 10% instead.

 242.6780, 5.0887,
1.1594

 242.6780, 5.0887,
1.1594


255.0000, 0.0000,
0.0000


 214.5640, 4.6519,
1.2594

 186.5640, 4.6519,
1.2594

 159.5640, 4.6519,
1.2594

 133.5640, 4.6519,
1.2594

 108.1510, 4.3626,
0.7446

 84.1510, 4.3626,
0.7446

 61.0370, 3.9258,

0.8446

■ 39.0370, 3.9258,
0.8446

■ 18.3360, 3.7784,
1.4593

■ 242.6780, 5.0887,
1.1594

■ 242.6780, 5.0887,
1.1594

■ 222.6210, 14.9768,
2.9634

254.7720, -0.8736,
0.2000

■ 202.2760, 25.0069,
5.8969

■ 182.2190, 34.8950,
7.7009

■ 162.4610, 44.6357,
10.1197

■ 142.4040, 54.5238,
11.9237

■ 122.0590, 64.5539,
14.8573

■ 102.0020, 74.4420,
16.6612

■ 82.2440, 84.1827,
19.0800

■ 61.6000, 94.3602,
21.3988

Harmonies

Analogous

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



241.6880, 6.5628, -4.9884



242.6780, 5.0887, 1.1594



243.0270, 2.4517, 6.9923

Triad

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



242.6780, 5.0887, 1.1594



242.1600, -5.9949, 9.5067



239.8630, 1.0535, -11.2809

Complementary

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



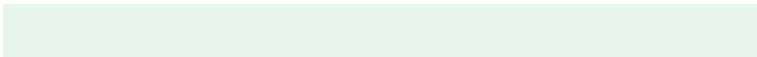
242.6780, 5.0887, 1.1594



250.3220, -5.0887, -1.1594

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.



240.0870, -2.0149, -7.0923



242.6780, 5.0887, 1.1594



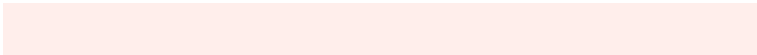
242.0130, -6.4154, 4.3736

Square

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



242.6780, 5.0887, 1.1594



242.7410, -3.8163, 10.7511



241.0230, -4.9413, -1.7742



240.3620, 4.2585, -12.5955

Rectangle

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



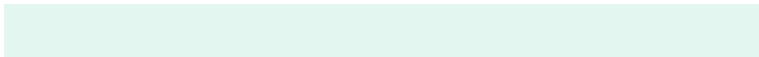
242.6780, 5.0887, 1.1594



243.7670, 0.1149, 9.8513



241.0230, -4.9413, -1.7742



239.9340, 0.0325, -10.4661

Sweetspot

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



242.6780, 5.0887, 1.1594



250.8690, 2.0366, 0.1149



246.7650, 3.0739, -5.9329



125.6410, 1.1630, 0.3148



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.



242.6780, 5.0887, 1.1594



242.9060, 5.9623, 0.9594



244.4720, 4.2043, 4.8481



120.6240, 3.6364, 0.3298



39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Inverse Universe

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



244.9130, 2.0149, 7.0923



245.6250, 2.1569, 8.2219



248.5280, -4.2043, -4.8481



122.3750, 1.2941, 4.9331



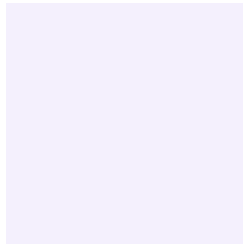
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 242.6780, 5.0887, 1.1594 looks on a white background.

Color Contrast Check

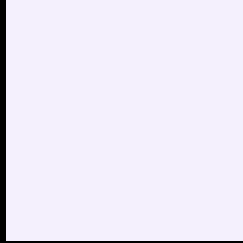
Large Text (above 18pt) WCAG AA × Fail

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 242.6780, 5.0887, 1.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

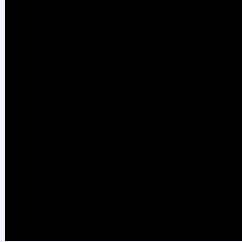
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.6780, 5.0887, 1.1594

Background



This preview shows how black text looks on a background with the YUV color 242.6780, 5.0887, 1.1594.



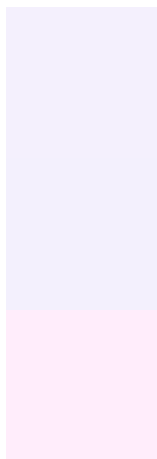
This preview shows how white text looks on a background with the YUV color 242.6780, 5.0887,

1.1594.

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

242.6780, 5.0887, 1.1594

Protanopia

242.3790, 5.2362, 0.5446

Deuteranopia

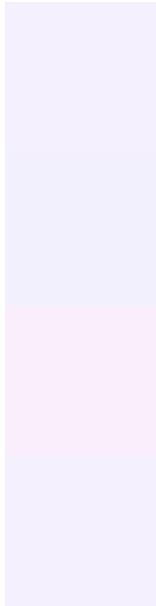
243.9780, 3.4618, 9.6663



Tritanopia

242.9060, 5.9623, 0.9594

Trichromacy



Original Color

242.6780, 5.0887, 1.1594

Protanomaly

242.3790, 5.2362, 0.5446

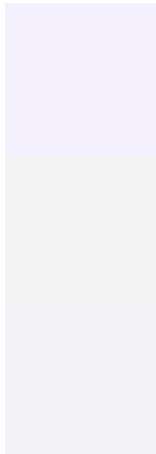
Deuteranomaly

243.4830, 4.1989, 6.5924

Tritanomaly

242.7920, 5.5255, 1.0594

Monochromacy



Original Color

242.6780, 5.0887, 1.1594

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 242.6780, 5.0887, 1.1594 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(244, 240, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 240, 253)  
}
```

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(244, 240, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 253) }
```

Border

The CSS property to change the border of an element to YUV 242.6780, 5.0887, 1.1594 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(244, 240, 253) }
```


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

```
.border{ border-color:rgb(244, 240, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 240, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 240, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 240, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 240,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 242.6780, 5.0887, 1.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 240, 253) }
```

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

```
.background{ background-color: rgb(244,  
240, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor