

Converting Colors

YUV(243.6430, -5.2470, 2.9441)

Have a look what the booklet for
YUV(243.6430, -5.2470, 2.9441)
contains.

YUV(243.6430, -5.2470, 2.9441)	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(243.6430, -5.2470,
2.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F4E9
RGB	247, 244, 233
RGB Percent	97%, 96%, 91%
CMY	0.0314, 0.0431, 0.0863
CMYK	0.00, 0.01, 0.06, 0.03
HSL	47°, 47%, 94%
HSV	47°, 6%, 97%
XYZ	85.4164, 90.3587, 90.0298
YIQ	243.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

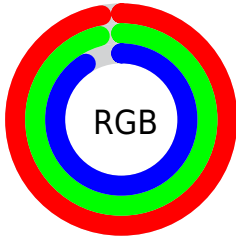
Format	Color
R _Y B	237, 247, 233
Decimal	16250089
CIE Lab	96.15, -0.88, 5.64
CIE LCh	96, 5.704, 98.848
Yxy	90.3587, 0.3214, 0.3399
Android (android.graphics.Color)	4294440169 (0xFF7F4E9)
YUV	243.6430, -5.2470, 2.9441
Hunter-Lab	95.0572, -5.9537, 10.3858

Details

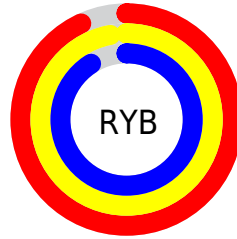
The YUV color $243.6430, -5.2470, 2.9441$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.3570, 5.2470, -2.9441$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.6430, -5.2470, 2.9441$ is the 20% darker color. If you saturate the color by 10%, you get $237.8580, -14.7200, 8.0175$, and if you desaturate by 10%, it is $249.0860, 2.9156, -1.8294$.

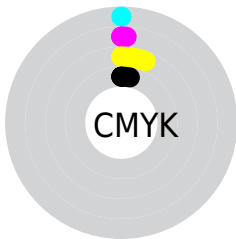
Distribution



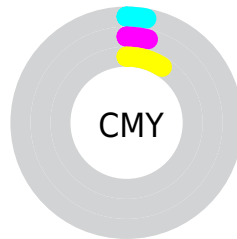
- Red (97%)
- Green (96%)
- Blue (91%)



- Red (93%)
- Yellow (97%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.6430, -5.2470, 2.9441 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 243.6430, -5.2470, 2.9441 by changing the saturation by 10% instead.

■ 243.6430, -5.2470,
2.9441

■ 243.6430, -5.2470,
2.9441

255.0000, 0.0000,
0.0000

■ 215.3440, -5.0996,
2.3293

■ 187.6430, -5.2470,
2.9441

■ 160.7570, -4.8102,
2.8441

■ 134.4580, -4.6628,
2.2293

■ 108.8710, -4.3734,
2.7441

■ 84.5720, -4.2260,
2.1294

■ 61.5720, -4.2260,

2.1294

■ 39.6860, -3.7892,
2.0294

■ 19.3440, -5.0996,
2.3293

■ 243.6430, -5.2470,
2.9441

■ 243.6430, -5.2470,
2.9441

■ 237.8580,
-14.7200, 8.0175

■ 249.0860, 2.9156,
-1.8294

■ 231.6000,
-23.4668, 13.5058

■ 252.6080, 1.1793,
-4.9182

■ 225.8150,
-32.9398, 18.5792

■ 220.0300,
-42.4128, 23.6527

■ 214.3590,
-51.4490, 28.6262

■ 207.9870,
-60.6326, 34.2144

■ 202.2020,
-70.1056, 39.2878

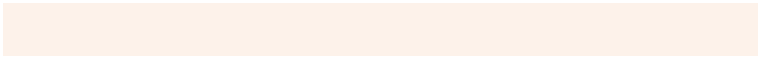
■ 196.4170,
-79.5786, 44.3613

■ 190.1590,
-88.3254, 49.8496

Harmonies

Analogous

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



244.3770, -5.1159, 7.5624



243.6430, -5.2470, 2.9441



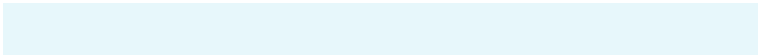
242.9520, -3.9203, -2.5889

Triad

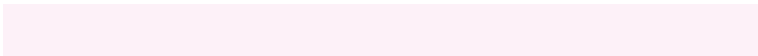
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.6430, -5.2470, 2.9441



242.6720, 4.1057, -10.2363



245.3860, 1.2887, 6.6775

Complementary

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



243.6430, -5.2470, 2.9441



236.3570, 5.2470, -2.9441

Split Complementary

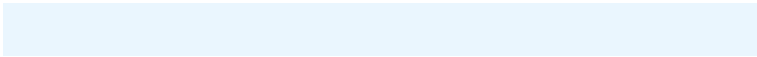
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.7490, 4.0677, 1.9741



243.6430, -5.2470, 2.9441



243.3240, 5.2633, -8.1771

Square

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



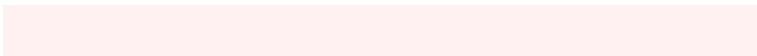
243.6430, -5.2470, 2.9441



241.9880, 1.4849, -9.6365



244.0580, 5.3944, -3.5589



244.7130, -1.3375, 9.0217

Rectangle

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



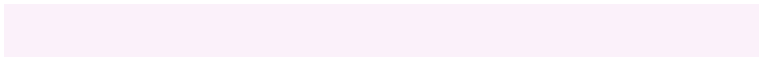
243.6430, -5.2470, 2.9441



242.6850, -2.3097, -5.8627



244.0580, 5.3944, -3.5589



245.0160, 2.4571, 5.2480

Sweetspot

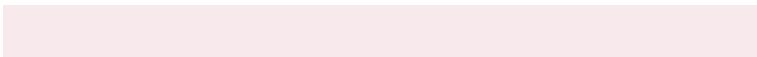
The Sweet Spot groups the original color and five complimentary colors.



243.6430, -5.2470, 2.9441



253.8430, -1.8946, 1.0147



237.5280, -0.7533, 8.3069



127.0710, -1.0210, 0.8147



0.0000, 0.0000, 0.0000



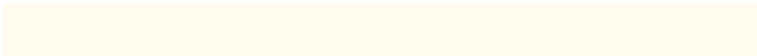
128.0000, 0.0000, 0.0000

Same Dimension

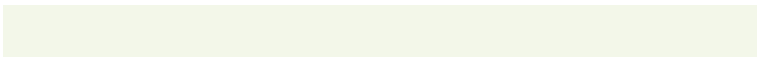
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.6430, -5.2470, 2.9441



250.6000, -6.7048, 3.8588



244.2080, -5.5255, -1.0594



119.8000, -3.3524, 1.9294



141.3160, -69.6688, 39.1879



44.6430, -22.0090, 12.5911

Inverse Universe

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



236.3570, 5.2470, -2.9441



241.4000, 6.7048, -3.8588



235.7920, 5.5255, 1.0594



115.2000, 3.3524, -1.9294



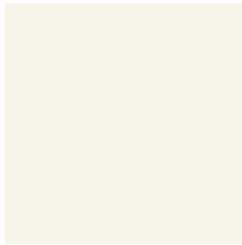
44.6840, 69.6688, -39.1879



14.3570, 22.0090, -12.5911

Previews

White Background



This preview shows how the YUV color 243.6430, -5.2470, 2.9441 looks on a white background.

Color Contrast Check

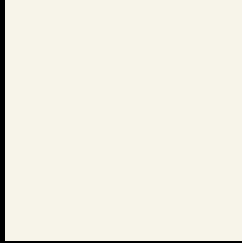
Large Text (above 18pt) WCAG AA × Fail

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 243.6430, -5.2470, 2.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

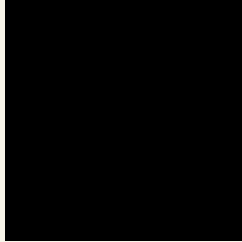
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

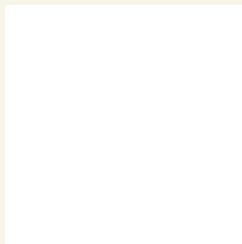
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.6430, -5.2470, 2.9441

Background



This preview shows how black text looks on a background with the YUV color 243.6430, -5.2470, 2.9441.



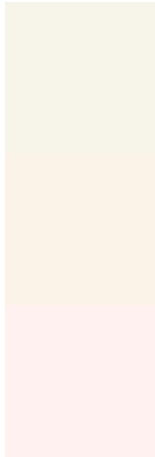
This preview shows how white text looks on a background with the YUV color 243.6430, -5.2470,

2.9441.

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

243.6430, -5.2470, 2.9441

Protanopia

244.1380, -5.9840, 6.0180

Deuteranopia

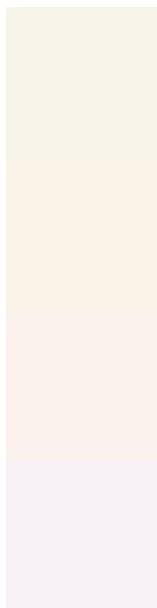
245.0720, -2.5005, 8.7069



Tritanopia

244.9880, 4.9359, 3.5185

Trichromacy



Original Color

243.6430, -5.2470, 2.9441

Protanomaly

243.8390, -5.8366, 5.4032

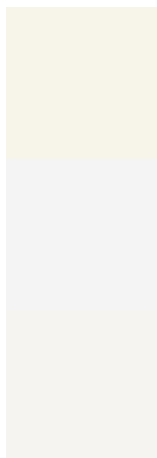
Deuteranomaly

244.4200, -3.6581, 6.6477

Tritanomaly

244.3640, 1.2995, 3.1888

Monochromacy



Original Color

243.6430, -5.2470, 2.9441

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.6430, -5.2470, 2.9441 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(247, 244, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 244, 233)  
}
```

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(247, 244, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 244, 233) }
```

Border

The CSS property to change the border of an element to YUV 243.6430, -5.2470, 2.9441 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(247, 244, 233) }
```


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

```
.border{ border-color:rgb(247, 244, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 244, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 244, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 244, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 244,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 243.6430, -5.2470, 2.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 244, 233) }
```

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

```
.background{ background-color: rgb(247,  
244, 233) }
```

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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