

Converting Colors

YUV(247.9230, 3.4890, 0.9445)

Have a look what the booklet for
YUV(247.9230, 3.4890, 0.9445)
contains.

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Color

**YUV(247.9230, 3.4890,
0.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FF
RGB	249, 246, 255
RGB Percent	98%, 96%, 100%
CMY	0.0235, 0.0353, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	260°, 100%, 98%
HSV	260°, 4%, 100%
XYZ	90.0727, 93.2713, 107.8636
YIQ	247.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

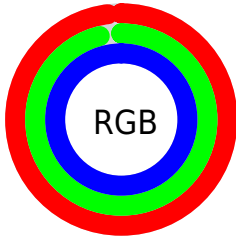
Format	Color
R_{YB}	249, 246, 255
Decimal	16381695
CIE _{Lab}	97.34, 2.60, -3.96
CIE _{LCh}	97, 4.739, 303.225
Yxy	93.2713, 0.3093, 0.3203
Android (android.graphics.Color)	4294571775 (0xFFFF9F6FF)
YUV	247.9230, 3.4890, 0.9445
Hunter-Lab	96.5771, -2.5316, 1.3850

Details

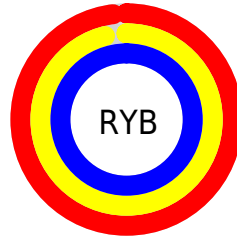
The YUV color 247.9230, 3.4890, 0.9445 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253.0770, -3.4890, -0.9445, and the grayscale version is 248.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 191.8090, 3.0522, 1.0445 is the 20% darker color. If you saturate the color by 10%, you get 228.1650, 13.2297, 3.3633, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

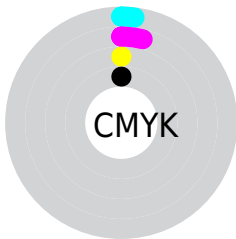
Distribution



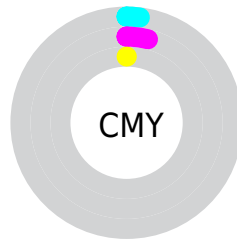
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 247.9230, 3.4890, 0.9445 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 247.9230, 3.4890, 0.9445 by changing the saturation by 10% instead.


 247.9230, 3.4890,
0.9445

 247.9230, 3.4890,
0.9445


255.0000, 0.0000,
0.0000

 219.5100, 3.1996,
0.4297

 191.8090, 3.0522,
1.0445

 164.5100, 3.1996,
0.4297

 137.9230, 3.4890,
0.9445

 112.8090, 3.0522,
1.0445

 88.3960, 2.7628,
0.5297

 65.3960, 2.7628,

0.5297

■ 43.2820, 2.3260,
0.6297

■ 22.2820, 2.3260,
0.6297

■ 247.9230, 3.4890,
0.9445

■ 247.9230, 3.4890,
0.9445

■ 228.1650, 13.2297,
3.3633

255.0000, 0.0000,
0.0000

■ 207.8200, 23.2597,
6.2969

■ 188.0620, 33.0004,
8.7156

■ 167.7170, 43.0305,
11.6492

■ 147.9590, 52.7712,
14.0680

■ 127.6140, 62.8013,
17.0015

■ 107.2690, 72.8314,
19.9351

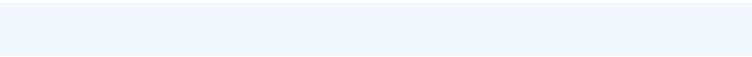
■ 87.5110, 82.5721,
22.3539

■ 67.1660, 92.6022,
25.2874

Harmonies

Analogous

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



247.3030, 3.7946, -3.7737



247.9230, 3.4890, 0.9445



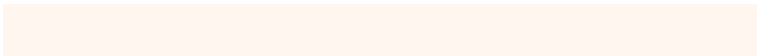
248.4890, 1.7309, 4.8331

Triad

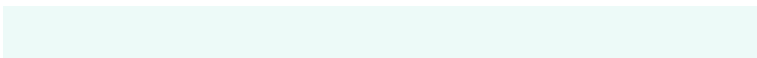
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.9230, 3.4890, 0.9445



247.8930, -4.3842, 6.2328



245.8850, 1.0427, -7.7921

Complementary

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



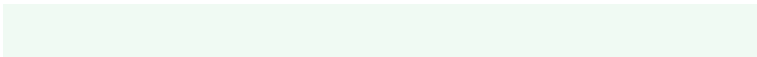
247.9230, 3.4890, 0.9445



253.0770, -3.4890, -0.9445

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.



246.2120, -1.5835, -5.4479



247.9230, 3.4890, 0.9445



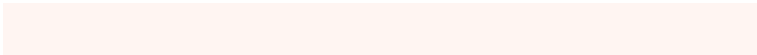
247.1700, -4.5208, 3.3589

Square

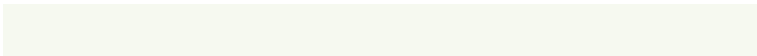
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



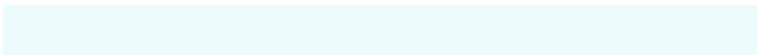
247.9230, 3.4890, 0.9445



247.6480, -2.7845, 6.4477



247.0770, -3.4890, -0.9445



246.3410, 2.7899, -8.1921

Rectangle

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



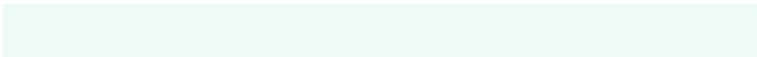
247.9230, 3.4890, 0.9445



247.8590, 0.5625, 6.2627



247.0770, -3.4890, -0.9445



245.9560, 0.0217, -6.9774

Sweetspot

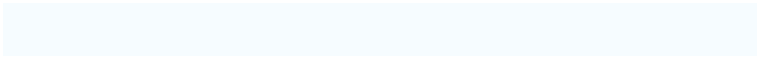
The Sweet Spot groups the original color and five complimentary colors.



247.9230, 3.4890, 0.9445



252.6410, 1.1630, 0.3148



250.5480, 2.1948, -3.9886



126.5270, 0.7262, 0.4148



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.



247.9230, 3.4890, 0.9445



247.0370, 3.9258, 0.8446



249.1190, 2.8993, 3.4036



122.3960, 2.7628, 0.5297



40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117

Inverse Universe

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



249.3750, 1.2941, 4.9331



248.7880, 1.5835, 5.4479



251.8810, -2.8993, -3.4036



123.5490, 0.7153, 3.9035



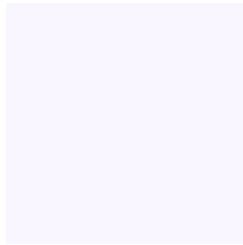
71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 247.9230, 3.4890, 0.9445 looks on a white background.

Color Contrast Check

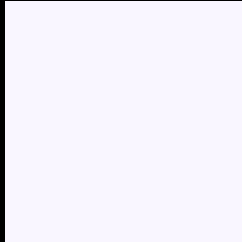
Large Text (above 18pt) WCAG AA × Fail

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 247.9230, 3.4890, 0.9445 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

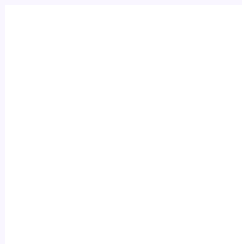
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.9230, 3.4890, 0.9445

Background



This preview shows how black text looks on a background with the YUV color 247.9230, 3.4890, 0.9445.



This preview shows how white text looks on a background with the YUV color 247.9230, 3.4890,

0.9445.

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

247.9230, 3.4890, 0.9445

Protanopia

247.9230, 3.4890, 0.9445

Deuteranopia

248.0870, 1.4361, 6.0627



Tritanopia

247.9230, 3.4890, 0.9445

Trichromacy



Original Color

247.9230, 3.4890, 0.9445

Protanomaly

247.9230, 3.4890, 0.9445

Deuteranomaly

248.1900, 1.8783, 4.2184

Tritanomaly

247.9230, 3.4890, 0.9445

Monochromacy



Original Color

247.9230, 3.4890, 0.9445

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.9230, 3.4890, 0.9445 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(249, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 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(249, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 255) }
```

Border

The CSS property to change the border of an element to YUV 247.9230, 3.4890, 0.9445 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(249, 246, 255) }
```


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

```
.border{ border-color:rgb(249, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(249, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 247.9230, 3.4890, 0.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 255) }
```

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

```
.background{ background-color: rgb(249,  
246, 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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