

Converting Colors

YUV(247.3690, 3.7621, 6.6924)

Have a look what the booklet for
YUV(247.3690, 3.7621, 6.6924)
contains.

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Color

**YUV(247.3690, 3.7621,
6.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2FF
RGB	255, 242, 255
RGB Percent	100%, 95%, 100%
CMY	0.0000, 0.0510, 0.0000
CMYK	0.00, 0.05, 0.00, 0.00
HSL	300°, 100%, 97%
HSV	300°, 5%, 100%
XYZ	91.0421, 91.9843, 107.5640
YIQ	247.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 242, 255
Decimal	16773887
CIE Lab	96.81, 6.61, -4.68
CIE LCh	97, 8.100, 324.685
Yxy	91.9843, 0.3133, 0.3165
Android (android.graphics.Color)	4294963967 (0xFFFFF2FF)
YUV	247.3690, 3.7621, 6.6924
Hunter-Lab	95.9084, 1.6033, 0.6405

Details

The YUV color 247.3690, 3.7621, 6.6924 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.6310, -3.7621, -6.6924, and the grayscale version is 247.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 190.9560, 3.4727, 6.1776 is the 20% darker color. If you saturate the color by 10%, you get 232.6940, 10.9969, 19.5624, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 247.3690, 3.7621, 6.6924 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 247.3690, 3.7621, 6.6924 by changing the saturation by 10% instead.


 247.3690, 3.7621,
6.6924

 247.3690, 3.7621,
6.6924


255.0000, 0.0000,
0.0000


 218.9560, 3.4727,
6.1776

 190.9560, 3.4727,
6.1776

 163.9560, 3.4727,
6.1776

 137.6570, 3.6201,
5.5628

 112.5430, 3.1833,
5.6628

 87.5430, 3.1833,
5.6628

 64.2440, 3.3307,

5.0480

■ 42.7170, 2.6045,
4.6332

■ 21.7170, 2.6045,
4.6332

■ 247.3690, 3.7621,
6.6924

■ 247.3690, 3.7621,
6.6924

■ 232.6940, 10.9969,
19.5624

255.0000, 0.0000,
0.0000

■ 217.4320, 18.5210,
32.9471

■ 202.1700, 26.0452,
46.3319

■ 187.4950, 33.2800,
59.2019

■ 172.2330, 40.8041,
72.5867

■ 157.5580, 48.0389,
85.4566

■ 142.2960, 55.5631,
98.8414

■ 127.6210, 62.7978,
111.7114

■ 112.3590, 70.3220,
125.0962

Harmonies

Analogous

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



245.8520, 4.5100, 0.1298



247.3690, 3.7621, 6.6924



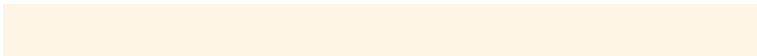
245.9840, 0.9939, 7.9070

Triad

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



247.3690, 3.7621, 6.6924



245.9810, -7.8786, 7.0327



243.3510, 4.2640, -14.3398

Complementary

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



247.3690, 3.7621, 6.6924



249.6310, -3.7621, -6.6924

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.



243.6240, 0.1854, -12.8252



247.3690, 3.7621, 6.6924



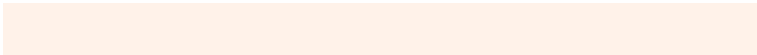
244.5780, -6.6940, 0.3701

Square

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



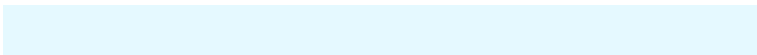
247.3690, 3.7621, 6.6924



244.8610, -5.8475, 8.8919



243.7450, -3.3253, -6.7924



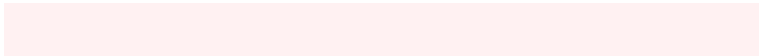
243.7040, 5.5689, -12.8954

Rectangle

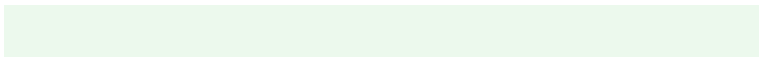
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.3690, 3.7621, 6.6924



245.3000, -1.6269, 8.5069



243.7450, -3.3253, -6.7924



243.5960, 2.6642, -14.5547

Sweetspot

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



247.3690, 3.7621, 6.6924



252.0650, 1.4470, 2.5740



243.4820, 5.6784, -1.2997



126.2390, 0.8682, 1.5444



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.



247.3690, 3.7621, 6.6924



246.1950, 4.3409, 7.7220



246.6850, 1.1413, 7.2923



122.7170, 2.6045, 4.6332



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



247.3690, 3.7621, 6.6924



246.1950, 4.3409, 7.7220



250.4290, -0.7045, -7.3922



122.7170, 2.6045, 4.6332



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 247.3690, 3.7621, 6.6924 looks on a white background.

Color Contrast Check

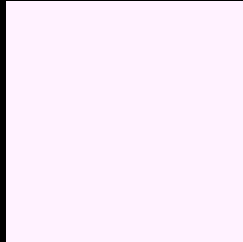
Large Text (above 18pt) WCAG AA × Fail

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 247.3690, 3.7621, 6.6924 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

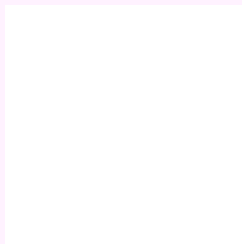
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.3690, 3.7621, 6.6924

Background



This preview shows how black text looks on a background with the YUV color 247.3690, 3.7621, 6.6924.



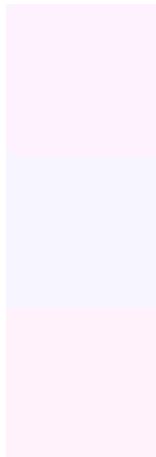
This preview shows how white text looks on a background with the YUV color 247.3690, 3.7621,

6.6924.

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

247.3690, 3.7621, 6.6924

Protanopia

246.7380, 4.0732, 0.2298

Deuteranopia

246.7990, 1.5781, 7.1923



Tritanopia

247.0590, 3.9149, 4.3333

Trichromacy



Original Color

247.3690, 3.7621, 6.6924

Protanomaly

247.0480, 3.9203, 2.5889

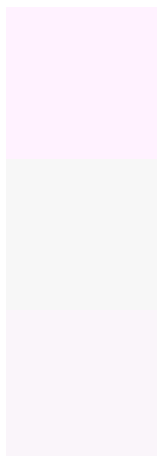
Deuteranomaly

247.0270, 2.4517, 6.9923

Tritanomaly

247.3580, 3.7675, 4.9480

Monochromacy



Original Color

247.3690, 3.7621, 6.6924

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.3690, 3.7621, 6.6924 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(255, 242, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to YUV 247.3690, 3.7621, 6.6924 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(255, 242, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 247.3690, 3.7621, 6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
242, 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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