

Converting Colors

YUV(246.5540, 3.1779, 7.4071)

Have a look what the booklet for
YUV(246.5540, 3.1779, 7.4071)
contains.

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Color

**YUV(246.5540, 3.1779,
7.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1FD
RGB	255, 241, 253
RGB Percent	100%, 95%, 99%
CMY	0.0000, 0.0549, 0.0078
CMYK	0.00, 0.05, 0.01, 0.00
HSL	309°, 100%, 97%
HSV	309°, 5%, 100%
XYZ	90.4249, 91.2624, 105.7780
YIQ	246.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 253
Decimal	16773629
CIE _{Lab}	96.52, 6.77, -4.08
CIE _{LCh}	97, 7.905, 328.895
Yxy	91.2624, 0.3146, 0.3175
Android (android.graphics.Color)	4294963709 (0xFFFFF1FD)
YUV	246.5540, 3.1779, 7.4071
Hunter-Lab	95.5314, 1.7787, 1.2226

Details

The YUV color `246.5540, 3.1779, 7.4071` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.4460, -3.1779, -7.4071`, 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 `190.1410, 2.8885, 6.8923` is the 20% darker color. If you saturate the color by 10%, you get `231.4230, 8.6655, 20.6770`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

Distribution



Red (100%)

Green (95%)

Blue (99%)



Red (100%)

Yellow (95%)

Blue (99%)



Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 246.5540, 3.1779, 7.4071 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 246.5540, 3.1779, 7.4071 by changing the saturation by 10% instead.


 246.5540, 3.1779,
7.4071

 246.5540, 3.1779,
7.4071


255.0000, 0.0000,
0.0000


 218.1410, 2.8885,
6.8923

 190.1410, 2.8885,
6.8923

 163.1410, 2.8885,
6.8923

 136.8420, 3.0359,
6.2776

 111.7280, 2.5991,
6.3775

 87.4290, 2.7465,
5.7628

 63.4290, 2.7465,

5.7628

■ 42.0160, 2.4571,
5.2480

■ 21.0160, 2.4571,
5.2480

■ 246.5540, 3.1779,
7.4071

■ 246.5540, 3.1779,
7.4071

■ 231.4230, 8.6655,
20.6770

255.0000, 0.0000,
0.0000

■ 215.8190, 14.8792,
34.3617

■ 200.1010, 20.6562,
48.1464

■ 184.9700, 26.1438,
61.4163

■ 169.9530, 32.0682,
74.5862

■ 154.2350, 37.8451,
88.3709

■ 138.6310, 44.0589,
102.0556

■ 123.5000, 49.5465,
115.3255

■ 107.7820, 55.3235,
129.1102

Harmonies

Analogous

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



245.2650, 4.7994, 0.6446



246.5540, 3.1779, 7.4071



245.1690, 0.4097, 8.6218

Triad

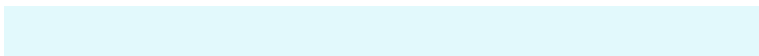
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5540, 3.1779, 7.4071



244.7960, -7.2944, 6.3179



242.4650, 4.7008, -14.4398

Complementary

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



246.5540, 3.1779, 7.4071



249.4460, -3.1779, -7.4071

Split Complementary

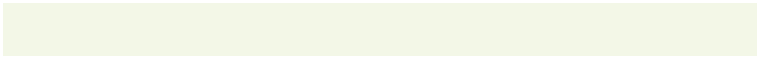
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.7380, 0.6222, -12.9252



246.5540, 3.1779, 7.4071



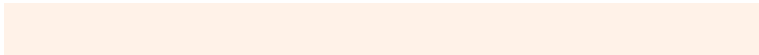
243.9800, -6.3991, -0.8595

Square

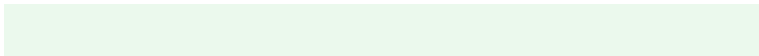
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



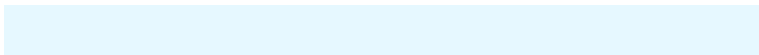
246.5540, 3.1779, 7.4071



244.7470, -6.2843, 8.9919



243.4460, -3.1779, -7.4071



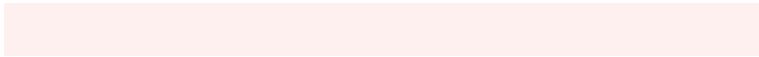
243.4160, 5.7109, -11.7658

Rectangle

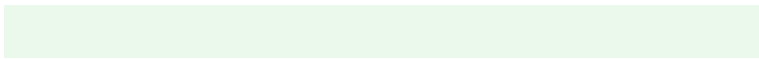
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.5540, 3.1779, 7.4071



244.4850, -2.2111, 9.2217



243.4460, -3.1779, -7.4071



243.1230, 3.3904, -14.1399

Sweetspot

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



246.5540, 3.1779, 7.4071



251.9510, 1.0102, 2.6740



243.1940, 5.8204, -0.1701



126.1250, 0.4314, 1.6444



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.



246.5540, 3.1779, 7.4071



244.0920, 3.8986, 9.5663



245.7560, 0.1203, 8.1070



121.3150, 2.3097, 5.8627



75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Inverse Universe

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



246.5540, 3.1779, 7.4071



244.0920, 3.8986, 9.5663



250.2440, -0.1203, -8.1070



121.3150, 2.3097, 5.8627



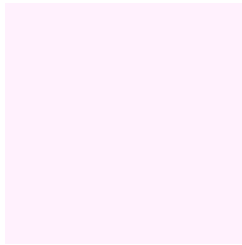
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 246.5540, 3.1779, 7.4071 looks on a white background.

Color Contrast Check

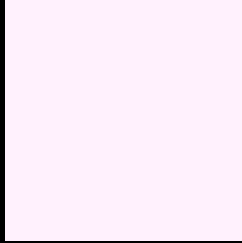
Large Text (above 18pt) WCAG AA × Fail

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 246.5540, 3.1779, 7.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

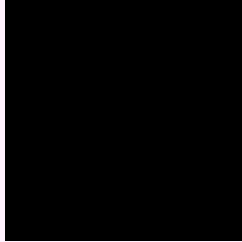
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.5540, 3.1779, 7.4071

Background



This preview shows how black text looks on a background with the YUV color 246.5540, 3.1779, 7.4071.



This preview shows how white text looks on a background with the YUV color 246.5540, 3.1779, 7.4071.

7.4071.

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

246.5540, 3.1779, 7.4071

Protanopia

246.1510, 4.3626, 0.7446

Deuteranopia

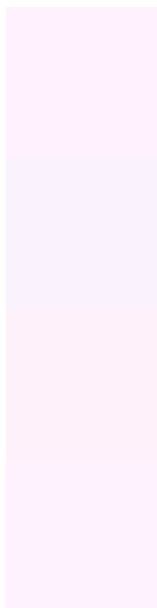
246.0980, 1.4307, 7.8071



Tritanopia

246.7710, 4.0569, 5.4628

Trichromacy



Original Color

246.5540, 3.1779, 7.4071

Protanomaly

246.3470, 3.7729, 3.2037

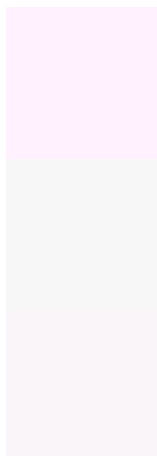
Deuteranomaly

246.2120, 1.8675, 7.7071

Tritanomaly

246.9560, 3.4727, 6.1776

Monochromacy



Original Color

246.5540, 3.1779, 7.4071

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.5540, 3.1779, 7.4071 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, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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(255, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 253) }
```

Border

The CSS property to change the border of an element to YUV 246.5540, 3.1779, 7.4071 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, 241, 253) }
```


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

```
.border{ border-color:rgb(255, 241, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 246.5540, 3.1779, 7.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 253) }
```

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

```
.background{ background-color: rgb(255,  
241, 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](#).

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