

Converting Colors

YUV(246.9560, 3.4727, 6.1776)

Have a look what the booklet for
YUV(246.9560, 3.4727, 6.1776)
contains.

YUV(246.9560, 3.4727, 6.1776)	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(246.9560, 3.4727,
6.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF2FE
RGB	254, 242, 254
RGB Percent	100%, 95%, 100%
CMY	0.0039, 0.0510, 0.0039
CMYK	0.00, 0.05, 0.00, 0.00
HSL	300°, 86%, 97%
HSV	300°, 5%, 100%
XYZ	90.5146, 91.7308, 106.7011
YIQ	246.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

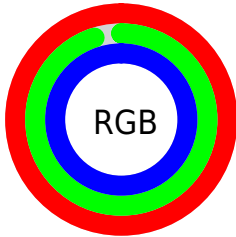
Format	Color
R_{YB}	254, 242, 254
Decimal	16708350
CIE _{Lab}	96.71, 6.10, -4.33
CIE _{LCh}	97, 7.481, 324.662
Yxy	91.7308, 0.3133, 0.3175
Android (android.graphics.Color)	4294898430 (0xFFFEF2FE)
YUV	246.9560, 3.4727, 6.1776
Hunter-Lab	95.7762, 1.0854, 0.9903

Details

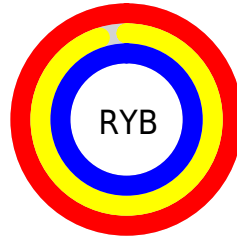
The YUV color `246.9560, 3.4727, 6.1776` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.0440, -3.4727, -6.1776`, and the grayscale version is `247.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.5430, 3.1833, 5.6628` is the 20% darker color. If you saturate the color by 10%, you get `232.2810, 10.7075, 19.0476`, and if you desaturate by 10%, it is `254.5870, -0.2894, -0.5148`.

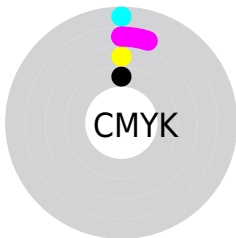
Distribution



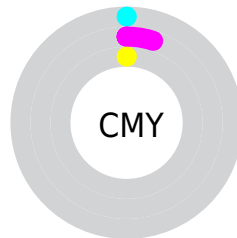
- Red (100%)
- Green (95%)
- Blue (100%)



- 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 246.9560, 3.4727, 6.1776 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 246.9560, 3.4727, 6.1776 by changing the saturation by 10% instead.

 246.9560, 3.4727,
6.1776

 246.9560, 3.4727,
6.1776


255.0000, 0.0000,
0.0000


 218.5430, 3.1833,
5.6628

 190.5430, 3.1833,
5.6628

 163.5430, 3.1833,
5.6628

 137.5430, 3.1833,
5.6628

 112.1300, 2.8939,
5.1480

 87.1300, 2.8939,
5.1480

 64.1300, 2.8939,

5.1480

■ 42.3040, 2.3151,
4.1184

■ 21.7170, 2.6045,
4.6332

■ 246.9560, 3.4727,
6.1776

■ 246.9560, 3.4727,
6.1776

■ 232.2810, 10.7075,
19.0476

254.5870, -0.2894,
-0.5148

■ 217.0190, 18.2316,
32.4323

■ 202.3440, 25.4664,
45.3023

■ 187.0820, 32.9906,
58.6871

■ 172.4070, 40.2253,
71.5571

■ 157.7320, 47.4601,
84.4270

■ 142.4700, 54.9843,
97.8118

■ 127.7950, 62.2191,
110.6818

■ 112.5330, 69.7432,
124.0666

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



246.9560, 3.4727, 6.1776



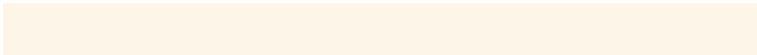
245.8700, 0.5571, 8.0070

Triad

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



246.9560, 3.4727, 6.1776



245.7960, -7.2944, 6.3179



243.5360, 3.6798, -13.6251

Complementary

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



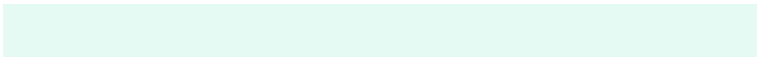
246.9560, 3.4727, 6.1776



249.0440, -3.4727, -6.1776

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.



243.3360, 0.3274, -11.6957



246.9560, 3.4727, 6.1776



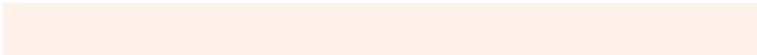
244.6920, -6.2572, 0.2701

Square

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



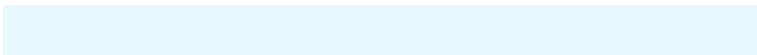
246.9560, 3.4727, 6.1776



244.9750, -5.4107, 8.7919



244.0440, -3.4727, -6.1776



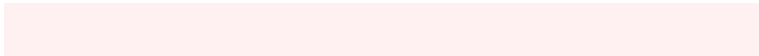
244.0030, 5.4215, -12.2806

Rectangle

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



246.9560, 3.4727, 6.1776



245.3000, -1.6269, 8.5069



244.0440, -3.4727, -6.1776



243.3080, 2.8062, -13.4251

Sweetspot

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



246.9560, 3.4727, 6.1776



253.2390, 0.8682, 1.5444



243.3680, 5.2416, -1.1997



126.8260, 0.5788, 1.0296



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.



246.9560, 3.4727, 6.1776



246.1950, 4.3409, 7.7220



246.2720, 0.8519, 6.7775



122.7170, 2.6045, 4.6332



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

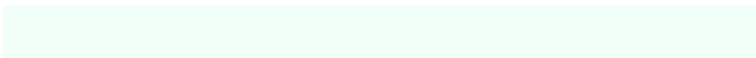
The Inverse Universe completely reimagines the original color for something new.



246.9560, 3.4727, 6.1776



246.1950, 4.3409, 7.7220



249.7280, -0.8519, -6.7775



122.7170, 2.6045, 4.6332



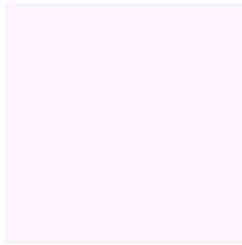
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 246.9560, 3.4727, 6.1776 looks on a white background.

Color Contrast Check

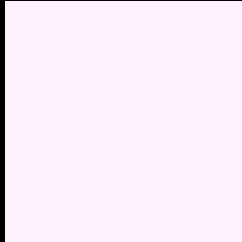
Large Text (above 18pt) WCAG AA × Fail

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 246.9560, 3.4727, 6.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

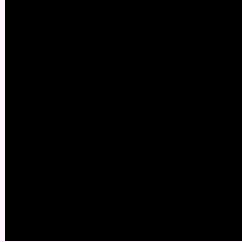
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.9560, 3.4727, 6.1776

Background



This preview shows how black text looks on a background with the YUV color 246.9560, 3.4727, 6.1776.



This preview shows how white text looks on a background with the YUV color 246.9560, 3.4727,

6.1776.

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

246.9560, 3.4727, 6.1776

Protanopia

246.1510, 4.3626, 0.7446

Deuteranopia

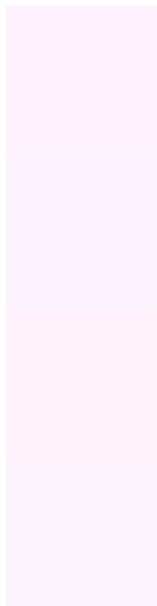
246.7990, 1.5781, 7.1923



Tritanopia

247.0590, 3.9149, 4.3333

Trichromacy



Original Color

246.9560, 3.4727, 6.1776

Protanomaly

246.4610, 4.2097, 3.1037

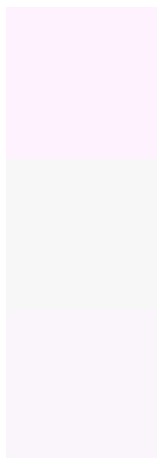
Deuteranomaly

246.9130, 2.0149, 7.0923

Tritanomaly

247.3580, 3.7675, 4.9480

Monochromacy



Original Color

246.9560, 3.4727, 6.1776

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 246.9560, 3.4727, 6.1776 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(254, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 254)  
}
```

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(254, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 254) }
```

Border

The CSS property to change the border of an element to YUV 246.9560, 3.4727, 6.1776 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(254, 242, 254) }
```


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

```
.border{ border-color:rgb(254, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 246.9560, 3.4727, 6.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 254) }
```

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

```
.background{ background-color: rgb(254,  
242, 254) }
```

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