

Converting Colors

YUV(246.7600, 4.0623, 3.7185)

Have a look what the booklet for
YUV(246.7600, 4.0623, 3.7185)
contains.

YUV(246.7600, 4.0623, 3.7185)	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(246.7600, 4.0623,
3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF3FF
RGB	251, 243, 255
RGB Percent	98%, 95%, 100%
CMY	0.0157, 0.0471, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	280°, 100%, 98%
HSV	280°, 5%, 100%
XYZ	89.8843, 91.8304, 107.5954
YIQ	246.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

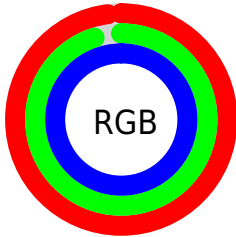
Format	Color
R _Y B	251, 243, 255
Decimal	16511999
CIE Lab	96.75, 4.78, -4.81
CIE LCh	97, 6.783, 314.834
Yxy	91.8304, 0.3107, 0.3174
Android (android.graphics.Color)	4294702079 (0xFFFBF3FF)
YUV	246.7600, 4.0623, 3.7185
Hunter-Lab	95.8282, -0.2711, 0.5092

Details

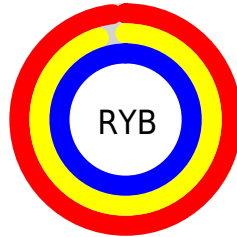
The YUV color 246.7600, 4.0623, 3.7185 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.2400, -4.0623, -3.7185, and the grayscale version is 247.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 190.3470, 3.7729, 3.2037 is the 20% darker color. If you saturate the color by 10%, you get 229.3940, 12.6238, 11.0555, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

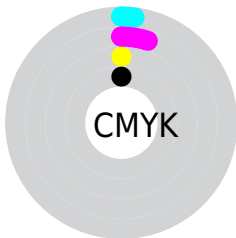
Distribution



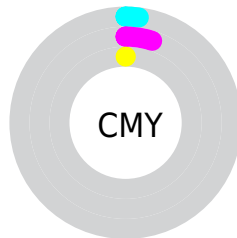
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.7600, 4.0623, 3.7185 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 246.7600, 4.0623, 3.7185 by changing the saturation by 10% instead.

246.7600, 4.0623,
3.7185

246.7600, 4.0623,
3.7185

255.0000, 0.0000,
0.0000

218.3470, 3.7729,
3.2037

190.3470, 3.7729,
3.2037

163.3470, 3.7729,
3.2037

137.3470, 3.7729,
3.2037

111.9340, 3.4835,
2.6889

87.2330, 3.3361,
3.3037

63.9340, 3.4835,

2.6889

■ 41.8200, 3.0467,
2.7889

■ 21.7060, 2.6099,
2.8888

■ 246.7600, 4.0623,
3.7185

■ 246.7600, 4.0623,
3.7185

■ 229.3940, 12.6238,
11.0555

255.0000, 0.0000,
0.0000

■ 211.7400, 21.3272,
19.5220

■ 193.7870, 30.1780,
27.3738

■ 176.7200, 38.5920,
35.3256

■ 158.7670, 47.4429,
43.1773

■ 141.7000, 55.8569,
51.1291

■ 123.7470, 64.7077,
58.9809

■ 106.6800, 73.1218,
66.9326

■ 88.7270, 81.9726,
74.7844

Harmonies

Analogous

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



245.5420, 4.6628, -2.2293



246.7600, 4.0623, 3.7185



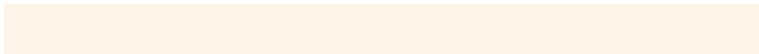
246.6850, 1.1413, 7.2923

Triad

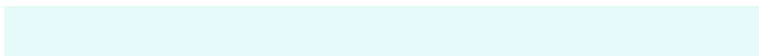
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.7600, 4.0623, 3.7185



246.0350, -6.4263, 7.8623



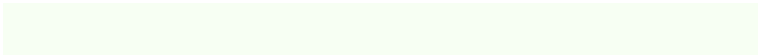
243.9060, 2.5113, -12.1956

Complementary

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



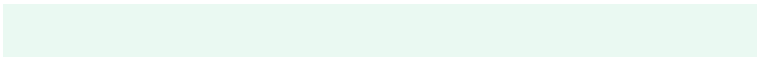
246.7600, 4.0623, 3.7185



251.2400, -4.0623, -3.7185

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.



243.7170, -0.8465, -8.5218



246.7600, 4.0623, 3.7185



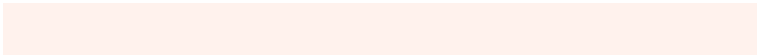
245.1160, -5.9732, 2.5293

Square

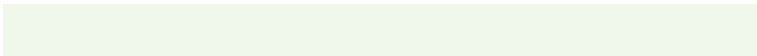
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



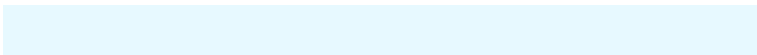
246.7600, 4.0623, 3.7185



245.3170, -4.1003, 8.4920



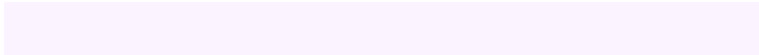
244.2400, -4.0623, -3.7185



244.3020, 5.2741, -11.6659

Rectangle

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



246.7600, 4.0623, 3.7185



245.6420, -0.3165, 8.2070



244.2400, -4.0623, -3.7185



243.8630, 1.0535, -11.2809

Sweetspot

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



246.7600, 4.0623, 3.7185



252.9400, 1.0156, 0.9296



246.7160, 4.0840, -3.2589



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.



246.7600, 4.0623, 3.7185



244.7000, 5.0779, 4.6481



247.7280, 2.5991, 6.3775



121.8200, 3.0467, 2.7889



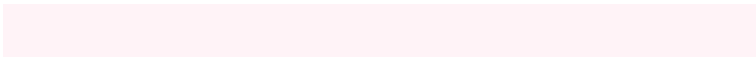
59.7470, 64.7077, 58.9809



19.8540, 21.7640, 19.4220

Inverse Universe

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



247.0440, -0.0217, 6.9774



245.0550, -0.0271, 8.7218



250.2720, -2.5991, -6.3775



122.0330, -0.0163, 5.2331



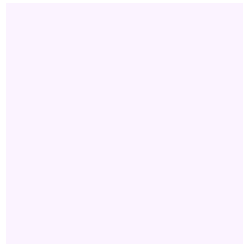
64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 246.7600, 4.0623, 3.7185 looks on a white background.

Color Contrast Check

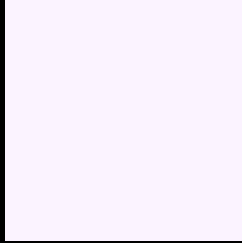
Large Text (above 18pt) WCAG AA × Fail

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 246.7600, 4.0623, 3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

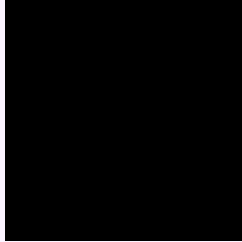
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.7600, 4.0623, 3.7185

Background



This preview shows how black text looks on a background with the YUV color 246.7600, 4.0623, 3.7185.



This preview shows how white text looks on a background with the YUV color 246.7600, 4.0623,

3.7135.

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

246.7600, 4.0623, 3.7185

Protanopia

246.1510, 4.3626, 0.7446

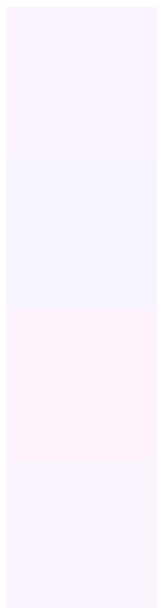
Deuteranopia

246.9130, 2.0149, 7.0923

Tritanopia

246.7490, 4.0677, 1.9741

Trichromacy



Original Color

246.7600, 4.0623, 3.7185

Protanomaly

246.4500, 4.2152, 1.3594

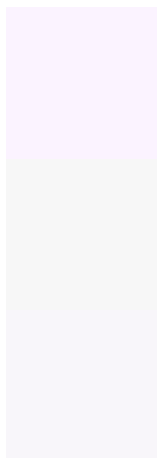
Deuteranomaly

246.7280, 2.5991, 6.3775

Tritanomaly

247.0480, 3.9203, 2.5889

Monochromacy



Original Color

246.7600, 4.0623, 3.7185

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.7600, 4.0623, 3.7185 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(251, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 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(251, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 255) }
```

Border

The CSS property to change the border of an element to YUV 246.7600, 4.0623, 3.7185 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(251, 243, 255) }
```


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

```
.border{ border-color:rgb(251, 243, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 246.7600, 4.0623, 3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 255) }
```

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

```
.background{ background-color: rgb(251,  
243, 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](#).

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