

Converting Colors

YUV(234.6660, 10.0247, 4.6779)

Have a look what the booklet for
YUV(234.6660, 10.0247, 4.6779)
contains.

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Color

**YUV(234.6660, 10.0247,
4.6779)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0E4FF |
| RGB | 240, 228, 255 |
| RGB Percent | 94%, 89%, 100% |
| CMY | 0.0588, 0.1059, 0.0000 |
| CMYK | 0.06, 0.11, 0.00, 0.00 |
| HSL | 267°, 100%, 95% |
| HSV | 267°, 11%, 100% |
| XYZ | 81.7286, 81.2321, 105.9795 |
| YIQ | 234.6660, -1.5150, 10.9410 |

Conversions

Conversions Part 2

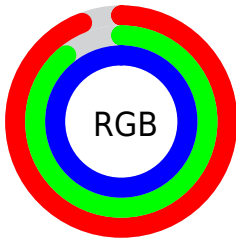
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 228, 255 |
| Decimal | 15787263 |
| CIE Lab | 92.23, 8.93, -11.59 |
| CIE LCh | 92, 14.636, 307.609 |
| Yxy | 81.2321, 0.3039, 0.3020 |
| Android (android.graphics.Color) | 4293977343 (0xFFFF0E4FF) |
| YUV | 234.6660, 10.0247, 4.6779 |
| Hunter-Lab | 90.1288, 4.1379, -6.6270 |

Details

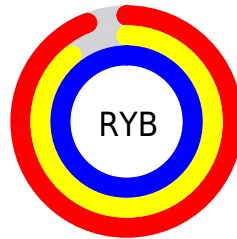
The YUV color $234.6660, 10.0247, 4.6779$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.3340, -10.0247, -4.6779$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.1390, 9.2985, 4.2631$ is the 20% darker color. If you saturate the color by 10%, you get $215.8050, 19.3231, 8.9410$, and if you desaturate by 10%, it is $254.1140, 0.4368, -0.1000$.

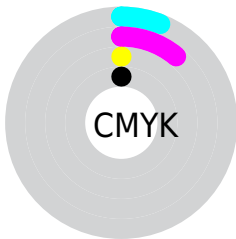
Distribution



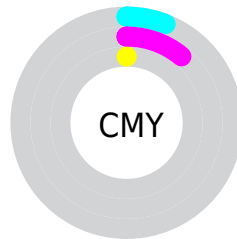
- Red (94%)
- Green (89%)
- Blue (100%)



- Red (94%)
- Yellow (89%)
- Blue (100%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.6660, 10.0247, 4.6779 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 234.6660, 10.0247, 4.6779 by changing the saturation by 10% instead.

■ 234.6660, 10.0247,
4.6779

■ 234.6660, 10.0247,
4.6779

255.0000, 0.0000,
0.0000

■ 206.5520, 9.5879,
4.7779

■ 179.1390, 9.2985,
4.2631

■ 152.1390, 9.2985,
4.2631

■ 126.0250, 8.8617,
4.3631

■ 101.6120, 8.5723,
3.8483

■ 77.1990, 8.2829,
3.3335

■ 54.0850, 7.8461,

3.4335

■ 32.6720, 7.5567,
2.9187

■ 9.3350, 8.7088,
6.7222

■ 234.6660, 10.0247,
4.6779

■ 234.6660, 10.0247,
4.6779

■ 215.8050, 19.3231,
8.9410

254.1140, 0.4368,
-0.1000

■ 196.3570, 28.9110,
13.7189

255.0000, 0.0000,
0.0000

■ 177.1970, 38.3569,
17.3672

■ 157.7490, 47.9447,
22.1451

■ 138.8880, 57.2432,
26.4082

■ 119.4400, 66.8311,
31.1861

■ 100.5790, 76.1296,
35.4492

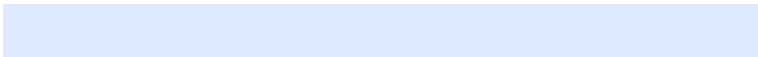
■ 81.1310, 85.7174,
40.2271

■ 62.8570, 94.7265,
43.9754

Harmonies

Analogous

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



232.2190, 11.2310, -8.9621



234.6660, 10.0247, 4.6779



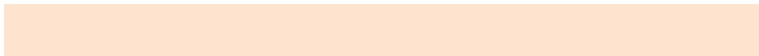
235.5490, 4.1663, 17.0585

Triad

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



234.6660, 10.0247, 4.6779



233.3800, -13.0053, 18.0837



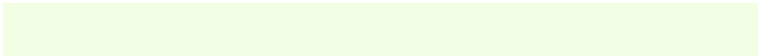
227.8720, 4.0071, -25.3207

Complementary

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



234.6660, 10.0247, 4.6779



248.3340, -10.0247, -4.6779

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.



228.6790, -3.2927, -17.2585



234.6660, 10.0247, 4.6779



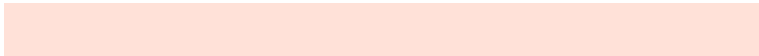
232.2000, -13.4096, 7.7176

Square

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



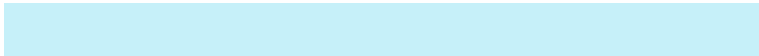
234.6660, 10.0247, 4.6779



232.9440, -8.3534, 19.3431



230.0350, -9.8773, -5.2927



228.4680, 10.1223, -26.7204

Rectangle

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



234.6660, 10.0247, 4.6779



233.8220, 0.0878, 18.5731



230.0350, -9.8773, -5.2927



228.1990, 1.3809, -22.9765

Sweetspot

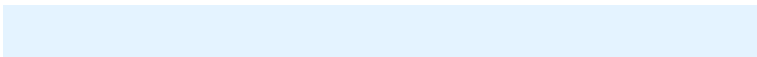
The Sweet Spot groups the original color and five complimentary colors.



234.6660, 10.0247, 4.6779



249.1080, 2.9048, 1.6593



239.8830, 7.4527, -10.4214



123.5810, 2.1786, 1.2445



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.



234.6660, 10.0247, 4.6779



230.2470, 12.2032, 5.9224



238.5530, 8.1084, 12.6700



117.9770, 4.9413, 1.7742



47.1890, 70.8988, 33.1602



15.6680, 23.8277, 10.8152

Inverse Universe

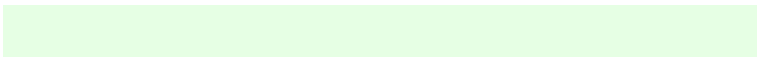
The Inverse Universe completely reimagines the original color for something new.



237.7830, 2.5720, 15.0993



233.9190, 2.9979, 18.4880



244.4470, -8.1084, -12.6700



119.6850, 1.1413, 7.2923



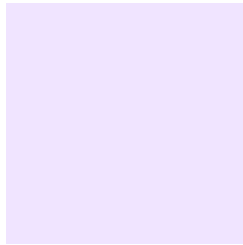
69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 234.6660, 10.0247, 4.6779 looks on a white background.

Color Contrast Check

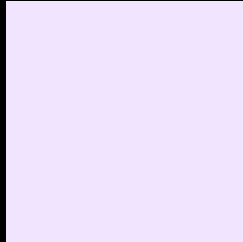
Large Text (above 18pt) WCAG AA × Fail

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 234.6660, 10.0247, 4.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

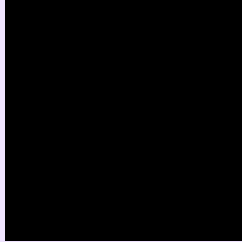
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.6660, 10.0247, 4.6779

Background



This preview shows how black text looks on a background with the YUV color 234.6660, 10.0247, 4.6779.



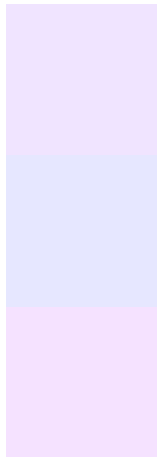
This preview shows how white text looks on a background with the YUV color 234.6660, 10.0247, 4.6779.

4.6779.

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

234.6660, 10.0247, 4.6779

Protanopia

233.4370, 10.6306, -3.0142

Deuteranopia

234.9870, 9.8664, 8.7814



Tritanopia

234.0420, 6.3883, 4.3482

Trichromacy



Original Color

234.6660, 10.0247, 4.6779

Protanomaly

234.0460, 10.3303, -0.0403

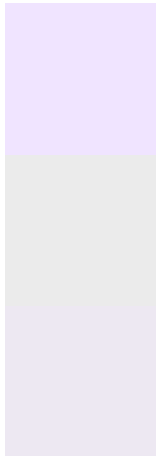
Deuteranomaly

234.9760, 9.8718, 7.0370

Tritanomaly

234.3840, 7.6987, 4.0482

Monochromacy



Original Color

234.6660, 10.0247, 4.6779

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.6660, 10.0247, 4.6779 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(240, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 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(240, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 255) }
```

Border

The CSS property to change the border of an element to YUV 234.6660, 10.0247, 4.6779 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(240, 228, 255) }
```


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

```
.border{ border-color:rgb(240, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(240, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 234.6660, 10.0247, 4.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 255) }
```

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

```
.background{ background-color: rgb(240,  
228, 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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