

Converting Colors

YUV(234.9660, 8.3978, 13.1848)

Have a look what the booklet for
YUV(234.9660, 8.3978, 13.1848)
contains.

YUV(234.9660, 8.3978, 13.1848)	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(234.9660, 8.3978,
13.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE0FC
RGB	250, 224, 252
RGB Percent	98%, 88%, 99%
CMY	0.0196, 0.1216, 0.0118
CMYK	0.01, 0.11, 0.00, 0.01
HSL	296°, 82%, 93%
HSV	296°, 11%, 99%
XYZ	83.6507, 80.6636, 103.2562
YIQ	234.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

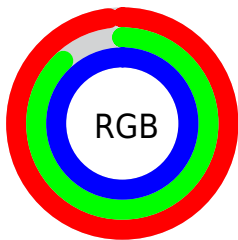
Format	Color
R_{YB}	250, 224, 252
Decimal	16441596
CIE _{Lab}	91.98, 13.72, -10.32
CIE _{LCh}	92, 17.168, 323.057
Yxy	80.6636, 0.3126, 0.3015
Android (android.graphics.Color)	4294631676 (0xFFFAE0FC)
YUV	234.9660, 8.3978, 13.1848
Hunter-Lab	89.8129, 9.0802, -5.2956

Details

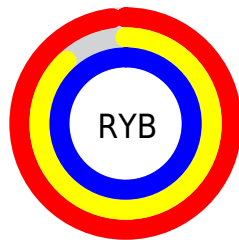
The YUV color $234.9660, 8.3978, 13.1848$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $241.0340, -8.3978, -13.1848$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.1400, 7.8190, 12.1552$ is the 20% darker color. If you saturate the color by 10%, you get $219.6930, 15.9274, 24.8252$, and if you desaturate by 10%, it is $250.2390, 0.8682, 1.5444$.

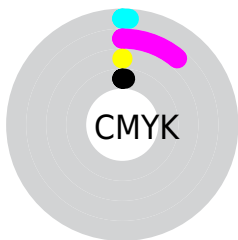
Distribution



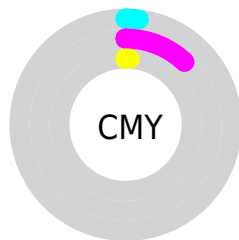
- Red (98%)
- Green (88%)
- Blue (99%)



- Red (98%)
- Yellow (88%)
- Blue (99%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.9660, 8.3978, 13.1848 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 234.9660, 8.3978, 13.1848 by changing the saturation by 10% instead.


 234.9660, 8.3978,
13.1848

 234.9660, 8.3978,
13.1848

255.0000, 0.0000,
0.0000


 206.5530, 8.1084,
12.6700

 179.1400, 7.8190,
12.1552

 152.1400, 7.8190,
12.1552

 126.7270, 7.5296,
11.6404

 101.3140, 7.2402,
11.1256

 77.0150, 7.3876,
10.5108

 54.4880, 6.6614,

10.0960

■ 32.7760, 6.5194,
8.9664

■ 10.3250, 7.2348,
12.8700

■ 234.9660, 8.3978,
13.1848

■ 234.9660, 8.3978,
13.1848

■ 219.6930, 15.9274,
24.8252

■ 250.2390, 0.8682,
1.5444

■ 204.4200, 23.4569,
36.4657

■ 254.3590, -1.1630,
-0.3148

■ 188.8590, 31.1285,
49.2357

■ 254.6580, -1.3104,
0.2999

■ 173.5860, 38.6581,
60.8761

■ 158.3130, 46.1877,
72.5165

■ 143.0400, 53.7173,
84.1569

■ 127.7670, 61.2469,
95.7973

■ 112.2060, 68.9184,
108.5673

■ 98.6940, 75.5799,
118.6634

Harmonies

Analogous

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



232.2630, 11.2093, -1.9847



234.9660, 8.3978, 13.1848



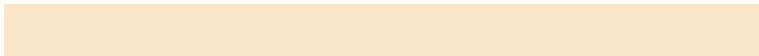
232.8760, 1.5401, 19.4027

Triad

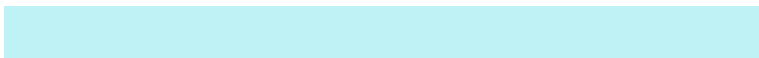
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.9660, 8.3978, 13.1848



232.2610, -15.9047, 14.6801



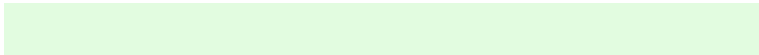
226.6800, 8.5388, -32.1684

Complementary

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



234.9660, 8.3978, 13.1848



241.0340, -8.3978, -13.1848

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.



226.8350, 0.0813, -26.1653



234.9660, 8.3978, 13.1848



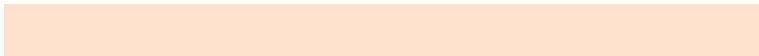
230.0420, -13.8247, 0.8402

Square

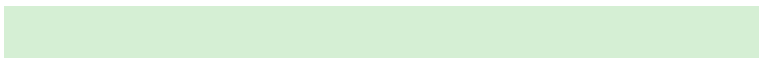
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



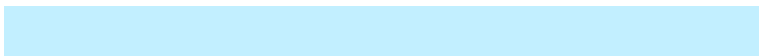
234.9660, 8.3978, 13.1848



231.2170, -12.4320, 20.8577



228.1480, -7.9610, -13.2848



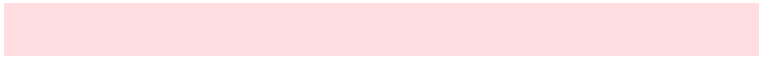
227.3690, 13.6221, -29.2646

Rectangle

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



234.9660, 8.3978, 13.1848



231.6220, -3.2646, 20.5025



228.1480, -7.9610, -13.2848



226.4090, 6.2074, -31.0537

Sweetspot

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



234.9660, 8.3978, 13.1848



250.0050, 2.4625, 3.5036



228.3660, 11.6516, -3.8290



124.1790, 1.8838, 2.4740



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.



234.9660, 8.3978, 13.1848



235.0310, 9.8447, 15.7588



234.1960, 2.8614, 15.6141



117.0700, 3.9095, 6.0776



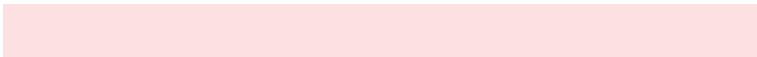
73.8710, 56.7586, 88.6901



23.9970, 18.2425, 28.9436

Inverse Universe

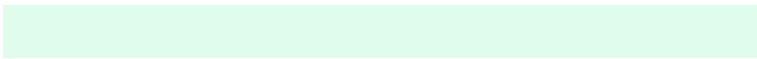
The Inverse Universe completely reimagines the original color for something new.



232.6000, -3.2538, 17.0138



232.0950, -3.9908, 20.0877



241.8040, -2.8614, -15.6141



116.0010, -1.4795, 7.8921



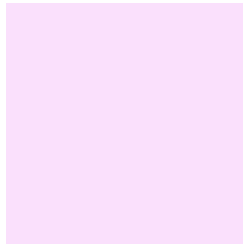
57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 234.9660, 8.3978, 13.1848 looks on a white background.

Color Contrast Check

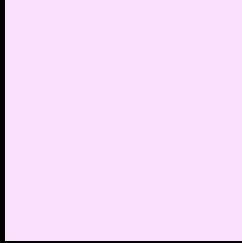
Large Text (above 18pt) WCAG AA × Fail

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 234.9660, 8.3978, 13.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

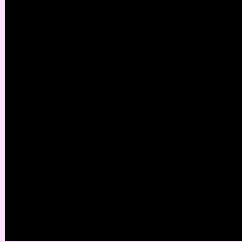
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

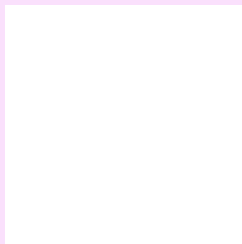
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.9660, 8.3978, 13.1848

Background



This preview shows how black text looks on a background with the YUV color 234.9660, 8.3978, 13.1848.



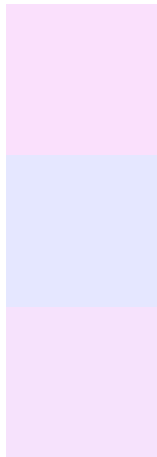
This preview shows how white text looks on a background with the YUV color 234.9660, 8.3978,

13.1848.

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

234.9660, 8.3978, 13.1848

Protanopia

233.1380, 10.7780, -3.6290

Deuteranopia

234.9440, 8.4086, 9.6961



Tritanopia

234.2280, 4.3246, 12.9550

Trichromacy



Original Color

234.9660, 8.3978, 13.1848

Protanomaly

233.6550, 10.0301, 2.9336

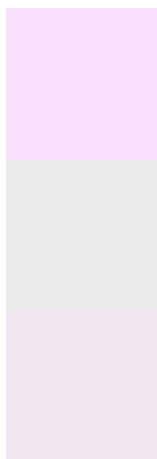
Deuteranomaly

234.6560, 8.5506, 10.8257

Tritanomaly

234.5700, 5.6350, 12.6551

Monochromacy



Original Color

234.9660, 8.3978, 13.1848

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9660, 8.3978, 13.1848 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(250, 224, 252)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 252)  
}
```

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(250, 224, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 252) }
```

Border

The CSS property to change the border of an element to YUV 234.9660, 8.3978, 13.1848 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(250, 224, 252) }
```


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

```
.border{ border-color:rgb(250, 224, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 234.9660, 8.3978, 13.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 252) }
```

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

```
.background{ background-color: rgb(250,  
224, 252) }
```

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