

Converting Colors

YUV(234.9620, 4.4557, 17.5733)

Have a look what the booklet for
YUV(234.9620, 4.4557, 17.5733)
contains.

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Color

**YUV(234.9620, 4.4557,
17.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF4
RGB	255, 223, 244
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1255, 0.0431
CMYK	0.00, 0.13, 0.04, 0.00
HSL	321°, 100%, 94%
HSV	321°, 13%, 100%
XYZ	83.9568, 80.5670, 96.7139
YIQ	234.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

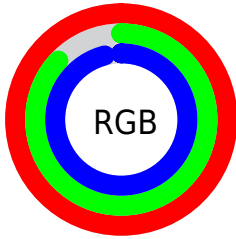
Format	Color
R _Y B	255, 223, 244
Decimal	16769012
CIE Lab	91.94, 14.49, -6.15
CIE LCh	92, 15.742, 336.997
Yxy	80.5670, 0.3214, 0.3084
Android (android.graphics.Color)	4294959092 (0xFFFFDFF4)
YUV	234.9620, 4.4557, 17.5733
Hunter-Lab	89.7591, 9.8827, -1.0526

Details

The YUV color $234.9620, 4.4557, 17.5733$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $243.0380, -4.4557, -17.5733$, 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 $179.2500, 4.3137, 16.4438$ is the 20% darker color. If you saturate the color by 10%, you get $219.2610, 7.7593, 31.3431$, and if you desaturate by 10%, it is $251.2500, 0.8628, 3.2888$.

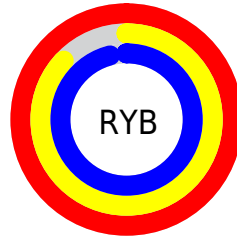
Distribution



Red (100%)

Green (87%)

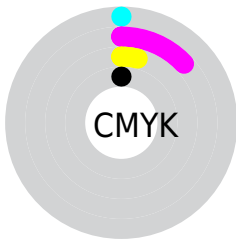
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

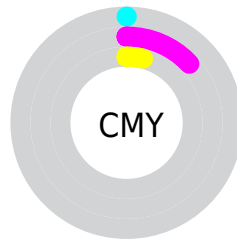


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.9620, 4.4557, 17.5733 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 234.9620, 4.4557, 17.5733 by changing the saturation by 10% instead.

 234.9620, 4.4557,
17.5733

 234.9620, 4.4557,
17.5733


255.0000, 0.0000,
0.0000

 206.6630, 4.6031,
16.9585

 179.2500, 4.3137,
16.4438

 152.2500, 4.3137,
16.4438

 126.5380, 4.1718,
15.3142

 101.1250, 3.8824,
14.7994

 76.8260, 4.0298,
14.1846

 54.1140, 3.8878,

13.0550

■ 32.7010, 3.5984,
12.5402

■ 10.6520, 4.6086,
15.2142

■ 234.9620, 4.4557,
17.5733

■ 234.9620, 4.4557,
17.5733

■ 219.2610, 7.7593,
31.3431

■ 251.2500, 0.8628,
3.2888

■ 202.9730, 11.3523,
45.6277

255.0000, 0.0000,
0.0000

■ 187.3860, 15.0927,
59.2975

■ 171.0980, 18.6857,
73.5821

■ 155.3970, 21.9893,
87.3518

■ 139.1090, 25.5823,
101.6364

■ 123.5220, 29.3227,
115.3062

■ 107.2340, 32.9156,
129.5908

■ 95.2830, 35.3565,
140.0718

Harmonies

Analogous

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



233.7800, 10.4615, 4.5779



234.9620, 4.4557, 17.5733



232.6650, -1.8068, 19.5878

Triad

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



234.9620, 4.4557, 17.5733



231.2710, -14.4306, 8.5323



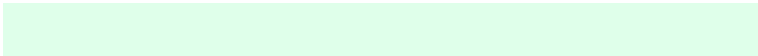
227.2720, 10.7119, -29.1795

Complementary

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



234.9620, 4.4557, 17.5733



243.0380, -4.4557, -17.5733

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.



226.8610, 4.0125, -27.0651



234.9620, 4.4557, 17.5733



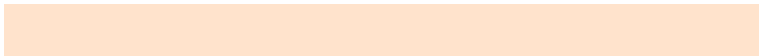
229.5080, -10.6034, -5.7075

Square

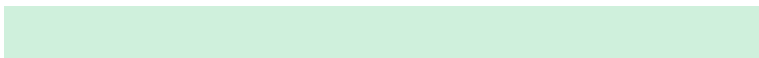
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



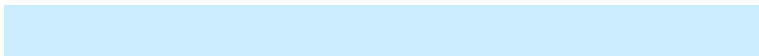
234.9620, 4.4557, 17.5733



232.7500, -14.1737, 19.5133



227.8530, -3.8715, -18.2881



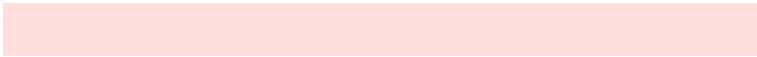
228.8860, 12.8742, -22.7020

Rectangle

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



234.9620, 4.4557, 17.5733



231.5250, -6.1748, 20.5876



227.8530, -3.8715, -18.2881



226.5170, 9.1121, -29.3944

Sweetspot

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



234.9620, 4.4557, 17.5733



248.6740, 1.1467, 5.5479



229.9370, 12.3561, 3.5633



123.5490, 0.7153, 3.9035



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.



234.9620, 4.4557, 17.5733



231.2120, 5.3185, 20.8621



233.1380, -2.5330, 19.1730



119.7990, 1.5781, 7.1923



71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Inverse Universe

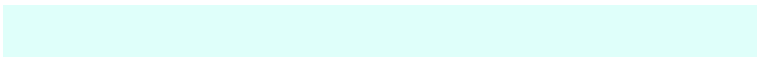
The Inverse Universe completely reimagines the original color for something new.



234.9620, 4.4557, 17.5733



231.2120, 5.3185, 20.8621



244.8620, 2.5330, -19.1730



119.7990, 1.5781, 7.1923



71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 234.9620, 4.4557, 17.5733 looks on a white background.

Color Contrast Check

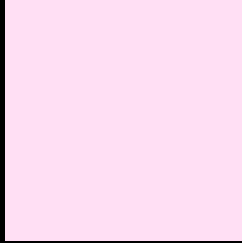
Large Text (above 18pt) WCAG AA × Fail

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 234.9620, 4.4557, 17.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

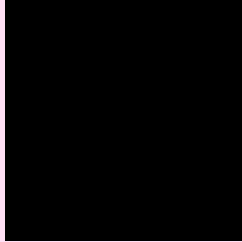
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.9620, 4.4557, 17.5733

Background



This preview shows how black text looks on a background with the YUV color 234.9620, 4.4557, 17.5733.



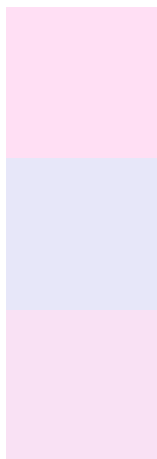
This preview shows how white text looks on a background with the YUV color 234.9620, 4.4557,

17.5733.

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

234.9620, 4.4557, 17.5733

Protanopia

233.0520, 7.8624, -1.7996

Deuteranopia

234.3420, 4.7614, 12.8551



Tritanopia

234.6200, 3.1453, 17.8733

Trichromacy



Original Color

234.9620, 4.4557, 17.5733

Protanomaly

233.7540, 6.5303, 5.4777

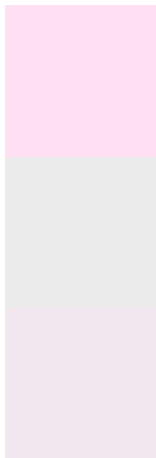
Deuteranomaly

234.3530, 4.7560, 14.5994

Tritanomaly

234.7340, 3.5821, 17.7733

Monochromacy



Original Color

234.9620, 4.4557, 17.5733

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9620, 4.4557, 17.5733 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, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 244)  
}
```

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, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 244) }
```

Border

The CSS property to change the border of an element to YUV 234.9620, 4.4557, 17.5733 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, 223, 244) }
```


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

```
.border{ border-color:rgb(255, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 234.9620, 4.4557, 17.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 244) }
```

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

```
.background{ background-color: rgb(255,  
223, 244) }
```

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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