

Converting Colors

YUV(233.5940, -0.7858,
18.7731)

Have a look what the booklet for
YUV(233.5940, -0.7858, 18.7731)
contains.

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Color

**YUV(233.5940, -0.7858,
18.7731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE8
RGB	255, 223, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1255, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	343°, 100%, 94%
HSV	343°, 13%, 100%
XYZ	82.1932, 79.8615, 87.4267
YIQ	233.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

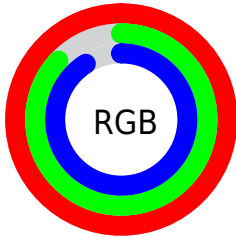
Format	Color
R _Y B	255, 223, 232
Decimal	16769000
CIE Lab	91.62, 12.47, -0.33
CIE LCh	92, 12.474, 358.464
Yxy	79.8615, 0.3295, 0.3201
Android (android.graphics.Color)	4294959080 (0xFFFFDFE8)
YUV	233.5940, -0.7858, 18.7731
Hunter-Lab	89.3653, 7.7850, 4.5519

Details

The YUV color $233.5940, -0.7858, 18.7731$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $244.4060, 0.7858, -18.7731$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.8820, -0.9278, 17.6435$ is the 20% darker color. If you saturate the color by 10%, you get $216.8670, -1.4134, 33.4426$, and if you desaturate by 10%, it is $250.9080, -0.4476, 3.5887$.

Distribution



Red (100%)

Green (87%)

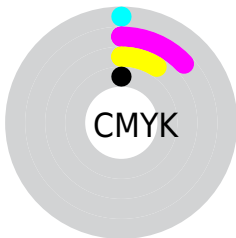
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)



Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.5940, -0.7858, 18.7731 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 233.5940, -0.7858, 18.7731 by changing the saturation by 10% instead.

 233.5940, -0.7858,
18.7731

 233.5940, -0.7858,
18.7731


255.0000, 0.0000,
0.0000


 205.2950, -0.6384,
18.1583

 177.8820, -0.9278,
17.6435

 150.9960, -0.4910,
17.5435

 125.2840, -0.6330,
16.4139

 99.9850, -0.4856,
15.7992

 75.6860, -0.3382,
15.1844

 53.0880, -0.0434,

13.9548

■ 31.4900, 0.2514,
12.7253

■ 9.1700, -1.0698,
16.5139

■ 233.5940, -0.7858,
18.7731

■ 233.5940, -0.7858,
18.7731

■ 216.8670, -1.4134,
33.4426

■ 250.9080, -0.4476,
3.5887

■ 199.4390, -2.1884,
48.7270

255.0000, 0.0000,
0.0000

■ 182.7120, -2.8160,
63.3966

■ 165.3980, -3.1542,
78.5810

■ 148.5570, -4.2186,
93.3505

■ 131.2430, -4.5568,
108.5349

■ 114.5160, -5.1844,
123.2045

■ 97.0880, -5.9594,
138.4888

■ 84.4530, -6.1393,
149.5697

Harmonies

Analogous

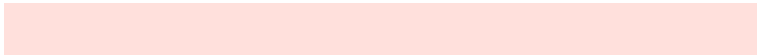
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.4450, 5.2036, 11.0107



233.5940, -0.7858, 18.7731



232.8130, -6.3168, 19.4580

Triad

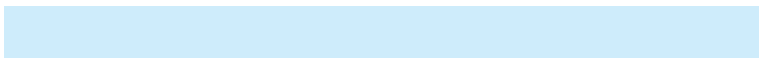
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5940, -0.7858, 18.7731



229.4700, -9.5987, -1.2892



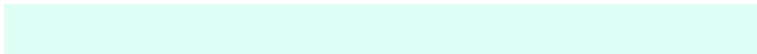
228.7400, 10.9742, -19.9430

Complementary

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



233.5940, -0.7858, 18.7731



244.4060, 0.7858, -18.7731

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.



227.3930, 7.2013, -23.1467



233.5940, -0.7858, 18.7731



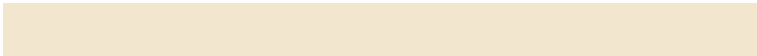
228.2560, -5.0562, -11.6255

Square

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



233.5940, -0.7858, 18.7731



230.9660, -11.8152, 9.6768



227.2210, 1.3700, -19.4878



230.4360, 12.1101, -10.9064

Rectangle

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



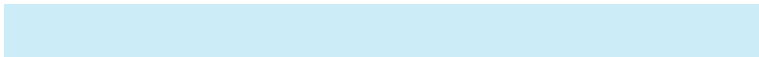
233.5940, -0.7858, 18.7731



232.3030, -9.5164, 19.0283



227.2210, 1.3700, -19.4878



228.3870, 9.6692, -21.3874

Sweetspot

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



233.5940, -0.7858, 18.7731



248.3320, -0.1637, 5.8478



233.5250, 10.5872, 10.9406



123.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

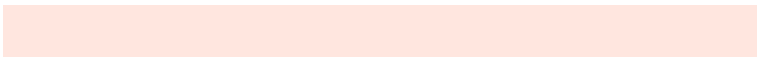
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5940, -0.7858, 18.7731



229.6160, -0.7967, 22.2618



236.6770, -6.7428, 16.0693



119.2290, -0.6059, 7.6922



63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461

Inverse Universe

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



233.5940, -0.7858, 18.7731



229.6160, -0.7967, 22.2618



241.3230, 6.7428, -16.0693



119.2290, -0.6059, 7.6922



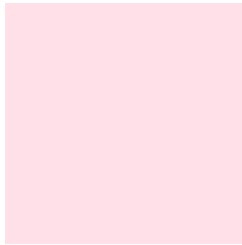
63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 233.5940, -0.7858, 18.7731 looks on a white background.

Color Contrast Check

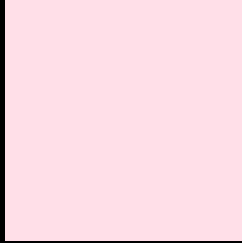
Large Text (above 18pt) WCAG AA × Fail

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 233.5940, -0.7858, 18.7731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

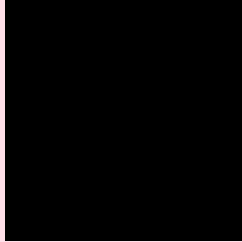
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.5940, -0.7858, 18.7731

Background



This preview shows how black text looks on a background with the YUV color 233.5940, -0.7858, 18.7731.



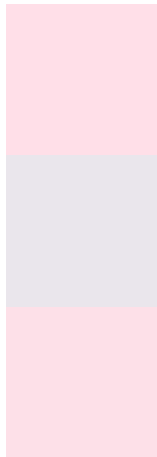
This preview shows how white text looks on a background with the YUV color 233.5940, -0.7858,

18.7731.

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

233.5940, -0.7858, 18.7731

Protanopia

231.8800, 2.0312, 1.8592

Deuteranopia

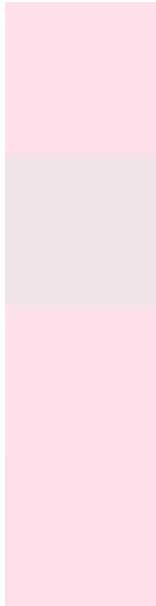
233.5830, -0.7804, 17.0287



Tritanopia

233.8050, 2.5611, 18.5880

Trichromacy



Original Color

233.5940, -0.7858, 18.7731

Protanomaly

232.3970, 1.2833, 8.4218

Deuteranomaly

233.8820, -0.9278, 17.6435

Tritanomaly

233.4630, 1.2507, 18.8879

Monochromacy



Original Color

233.5940, -0.7858, 18.7731

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5940, -0.7858, 18.7731 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 232) }
```

Border

The CSS property to change the border of an element to YUV 233.5940, -0.7858, 18.7731 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, 232) }
```


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

```
.border{ border-color:rgb(255, 223, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 233.5940, -0.7858, 18.7731 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
223, 232) }
```

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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