

Converting Colors

YUV(232.6260, 0.6774, 16.1140)

Have a look what the booklet for
YUV(232.6260, 0.6774, 16.1140)
contains.

YUV(232.6260, 0.6774, 16.1140)	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(232.6260, 0.6774,
16.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDFEA
RGB	251, 223, 234
RGB Percent	98%, 87%, 92%
CMY	0.0157, 0.1255, 0.0824
CMYK	0.00, 0.11, 0.07, 0.02
HSL	336°, 78%, 93%
HSV	336°, 11%, 98%
XYZ	81.0226, 79.2251, 88.8635
YIQ	232.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

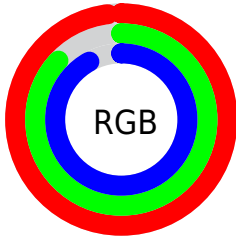
Format	Color
R _Y B	251, 223, 234
Decimal	16506858
CIE Lab	91.34, 11.43, -1.84
CIE LCh	91, 11.580, 350.850
Yxy	79.2251, 0.3252, 0.3180
Android (android.graphics.Color)	4294696938 (0xFFFBDFEA)
YUV	232.6260, 0.6774, 16.1140
Hunter-Lab	89.0085, 6.7201, 3.1125

Details

The YUV color $232.6260, 0.6774, 16.1140$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $241.3740, -0.6774, -16.1140$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.9140, 0.5354, 14.9844$ is the 20% darker color. If you saturate the color by 10%, you get $216.2410, 1.3602, 30.4836$, and if you desaturate by 10%, it is $249.0110, -0.0054, 1.7444$.

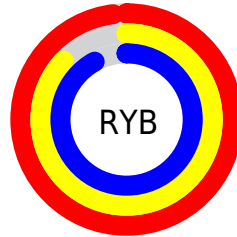
Distribution



Red (98%)

Green (87%)

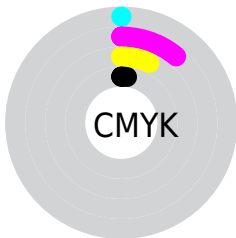
Blue (92%)



Red (98%)

Yellow (87%)

Blue (92%)

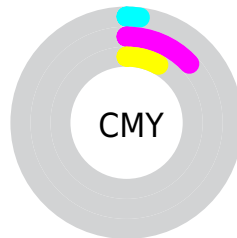


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 232.6260, 0.6774, 16.1140 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 232.6260, 0.6774, 16.1140 by changing the saturation by 10% instead.


 232.6260, 0.6774,
16.1140


 232.6260, 0.6774,
16.1140


255.0000, 0.0000,
0.0000

 204.3270, 0.8248,
15.4992

 176.9140, 0.5354,
14.9844

 150.0280, 0.9722,
14.8844

 124.6150, 0.6828,
14.3696

 99.3160, 0.8302,
13.7549

 75.6040, 0.6882,
12.6253

 52.3050, 0.8356,

12.0105

■ 31.0060, 0.9830,
11.3957

■ 8.6150, 0.6828,
14.3696

■ 232.6260, 0.6774,
16.1140

■ 232.6260, 0.6774,
16.1140

■ 216.2410, 1.3602,
30.4836

■ 249.0110, -0.0054,
1.7444

■ 199.8560, 2.0430,
44.8533

■ 253.8040, 0.5896,
-2.4591

■ 183.3570, 2.2890,
59.3229

■ 166.9720, 2.9718,
73.6926

■ 150.5870, 3.6546,
88.0622

■ 133.6150, 4.6268,
102.9466

■ 117.1160, 4.8728,
117.4163

■ 100.7310, 5.5556,
131.7859

■ 86.3350, 6.2438,
144.4112

Harmonies

Analogous

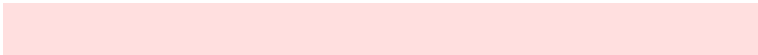
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2490, 5.7932, 8.5516



232.6260, 0.6774, 16.1140



232.5680, -4.7170, 19.6729

Triad

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



232.6260, 0.6774, 16.1140



229.0790, -9.8989, 1.6847



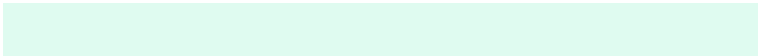
227.3980, 9.6638, -19.6430

Complementary

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



232.6260, 0.6774, 16.1140



241.3740, -0.6774, -16.1140

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.



226.9480, 5.4486, -21.0024



232.6260, 0.6774, 16.1140



227.7510, -5.7932, -8.5516

Square

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



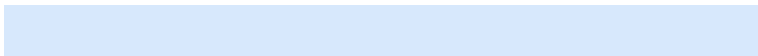
232.6260, 0.6774, 16.1140



230.2050, -10.9471, 11.2212



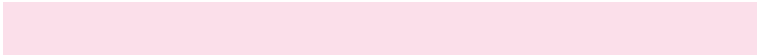
227.0750, -0.5300, -16.7288



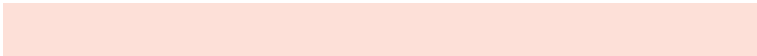
229.1970, 11.2419, -12.4508

Rectangle

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



232.6260, 0.6774, 16.1140



231.7590, -7.7692, 18.6284



227.0750, -0.5300, -16.7288



227.3440, 8.2114, -20.4727

Sweetspot

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



232.6260, 0.6774, 16.1140



249.7340, 0.1311, 4.6183



231.2750, 9.7244, 7.6518



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

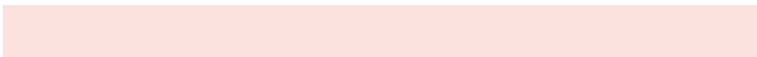
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.6260, 0.6774, 16.1140



233.3490, 0.8139, 18.9879



233.1330, -4.9956, 15.6694



116.4570, 0.2677, 7.4922



64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Inverse Universe

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



232.6260, 0.6774, 16.1140



233.3490, 0.8139, 18.9879



240.8670, 4.9956, -15.6694



116.4570, 0.2677, 7.4922



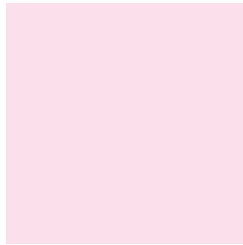
64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 232.6260, 0.6774, 16.1140 looks on a white background.

Color Contrast Check

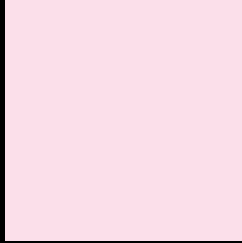
Large Text (above 18pt) WCAG AA × Fail

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 232.6260, 0.6774, 16.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

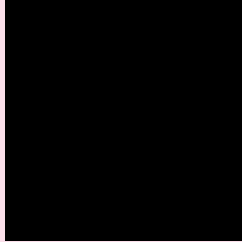
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.6260, 0.6774, 16.1140

Background



This preview shows how black text looks on a background with the YUV color 232.6260, 0.6774, 16.1140.

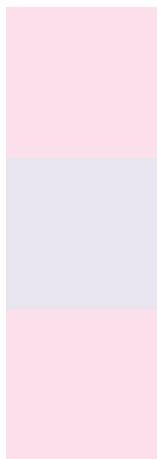


This preview shows how white text looks on a background with the YUV color 232.6260, 0.6774,

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

232.6260, 0.6774, 16.1140

Protanopia

230.9230, 3.4890, 0.9445

Deuteranopia

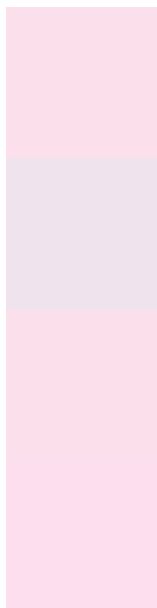
232.6260, 0.6774, 16.1140



Tritanopia

233.0220, 3.4402, 16.6437

Trichromacy



Original Color

232.6260, 0.6774, 16.1140

Protanomaly

231.7280, 2.5991, 6.3775

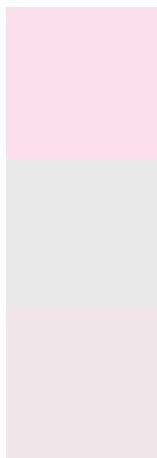
Deuteranomaly

232.6260, 0.6774, 16.1140

Tritanomaly

232.7940, 2.5666, 16.8437

Monochromacy



Original Color

232.6260, 0.6774, 16.1140

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.6260, 0.6774, 16.1140 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, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 234)  
}
```

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, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 234) }
```

Border

The CSS property to change the border of an element to YUV 232.6260, 0.6774, 16.1140 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, 223, 234) }
```


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

```
.border{ border-color:rgb(251, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 232.6260, 0.6774, 16.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 234) }
```

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

```
.background{ background-color: rgb(251,  
223, 234) }
```

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